

Galaxy vol. iv

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and in this chancel properties to Getaway and Pohl does just that

SE CALENDAR

Planets, Anyway?

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SHOWCASE, Jemes R. Odbert Inside front cover DITORIAL James Baso

EDITORIAL, James Baen GALAXY AND THE GALAXY—Or Who Needs

TEP FARTHER OUT, J.E. Poumele IMF FOR DECISIONS -- We shad nobly win meanly lose the last best hone of Farth " So too many of the decisions seem to be of

meanly lose variety White your onoreasman and your President too.

The genesis of Alter-end some help for our throats BOOKSHELF Spider Robinson 123 to more Mr. Nice Arachnyd- the Souter bares

is mandition—and entry them into Academa DIRECTIONS

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GALAXY and the GALAXY

IN THE PAST few years or so sometheng on the order of tweety thousand manuscripts have passed through my hands. After the first few thousand I became suspicious. After ten thousand the suspicion thickened Now, after twenty thousand manuscripts I am century scirece fiction, as a growing, conceptually wind field, is in a state of crisis, a crisis of ideas, a crisis that

Oh. as a minor, formula-prented Steracy subgence—or sub-literary scare-it is secure enough. More people than ever seem to be reading it, the mogals of television and Hotlywood are beginning to take a serious interest. But where are the new uleas? In trievision? The movers? The formula in those horocable turne theme from the 40's or 50's-advernages abound the oriepled, multi-generation colony ship that will forever wander amirush between the stars, or aboard the PTL wosel that has slipped into a "seace worn" and is Loss In-Space-and adapt it. Adaptation meaning in this case to bustantize, provises, mindlessly oversimplify.

sed otherwise make suitable for the

mogals' conception of the massmeetality what was initially in honest if somewhat bewhiskered seionce fictional conception. Even the many new readers (long may they prosper!) are mostly interested in what science fiction has been, not what it is becoming. And who can blame them? What

into there is in the way of originality in modern science fiction consists in the main of variations on the theme of human misery. Misery without end-se all-embearing. open-raded misery that is almost admirable in its single-minded affernation that the came of life is fixed: that you've got to play, that you can't wist, and that in every possible aspect of its potentially infinne vacution, now and foreverthe playing itself must be a miverable experience, filled with pain, deword of any. An affirmation, in other words, that it is better to be dead shop to be aline Is it any wonder, then, that the latest re-issue of The City and the Sury is selling fike horoket? Or

umpleenth printing? Hardly. People

-even intelligent people-can be

sold only so many times that life by

definition is a broket of sevage with the handle inside, firmly offlixed to the bottom of the booker, before they wander off to look for the latest Annov or Healein retisses, even if it is Lucky Sur and the Pirates of the Asteroida, or Have Spacesur—Will Travel. Eve done it results.

own in mysett.

Are there then no glorious new
conceptions equivalent for the TVs
and BVs of what space travel and
extraterestrial medigence were for
in culter time? Have we insteed nin
out of ideas? It sheet nothing left
but infinite variations on a sticilly
limited manbles of unfuge themses,
the montal poverty being at host

observed usefur he gines of lineary septementation? For a while I thought that the might indeed be the case, but have seen constituted that far from the case of the case, but have seen constituted that far from the case, and that that for the case, and that the case of the case, and the thing to first indeed to the case, and the thing of the case of the best of us, even usin our science (tittles weiters, nallelines as the

all undoubtedly are.

Indeed, it may well be the case
that the ensure, the read ecases, for
the ready universal nihillium in
modern of—of that is no mently a relativistic of old thems—is that the
caraffications of assuming constitued progress in science and technology
me stronly too difficult to energies. that such future visits are simply too suct to be grasped. So where are all these ideas that I claim are being willfully ignored? The same many they always were

So when are all these ideas that I claim are being willfully uponed? The same place they always were in the writings of scientists and their populations. Virtually every area of science in program with major, high social-impact developments, developments that are not, many of

whopments that are not, many of them, "locating on the horizon," but not himself waiting for furthing. Space: Microwave powered stillar probes, 'O'Nell' codessies, astered manage orbital powergenerating stellows, in particular, is generating stellows, in particular, is

ripe for the placking)

Biology: Recombinism DNA research (moybe that should will on the availability of orbital labementics). "bits hashes," plants

exurency, "ms bashes," plants capable of harvesting ten or twenty percent of the sueflight that falls on them; a closed work force of sentimentifigent similars that are beed for happeness, doc/filty—and manual labor, biological se-wage system capable of reharvesting, with the aid of surabub, everything that is

dumped into them.

Cybemerics: Antificial lettelligence (called "A.I." by those
in the field), "hand calculators."

that by strate of being mobile as-

that by struct of being mobile extensions of given compaters (see "Artificial intelligence") have available to them the sum total of human knowledge and computational capacity, devices that would make all but the dullest of us.

But there is a kicker it's all or nothing. The writer cannot just go to the idea shelf, novit one that he likes, and proceed to examine its rest. If any of them happen, they all bancen, or at least a very far number of them do. There will be

intelligence, without without eve That's part of the problem. It worse each one of these develop keberg of further developments and

and curring close ones in a spectace tive. Now it is, or some will be, a space propulsion system, a surgical axel, the heart of an anti-ballisticmissile system, a "science fiction

death-ray," and who knows what velociments now pending. Let's take ant one of them and follow in

Colonies in Space

by T. A. Heppenheimer

tion by Ray Bradbury

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they are feasible. Assuming you here also assumed that they are that they can grow their own food from raw materials of cetesterrestrial origin, and that they have

they are capable of self-preficators (which latter capacity they will pos-sess almost by definition, the first colonies well, after all have singally built themselves) What then would be the "

of growth" for such colonies? Other then human propriativity the only conficution as far as imagination limiting factor I can come up with is made (which would come into play long before available sun power-the famous "Dyson Lamit"-would become a factor). In other words, conservatively positing, the potential "mass" of humanity would seem so be firmed

only by the present mass of the solar system's asteroids, mounts and when they are needed the means will be available for plucking the eas exerts as well.

Note alone that we see not talking here of some unmagenably distant, million-years-hence fueues; in terms of the already elapsed bifetime of our species the urbanization of the solar system is but an exchina away. Even in the short term the fieases are startling

Starting with a core population of and upace colorum that has not yet fifty thousand colomists in the Year 2000. by 2250 those will be more somete in sease than recurredly reside on this planer. By the Year 2600 there will be a settion, for more than earth could nesubly

held. Belore the fourth millennium has not its source, a quadrillionand population pressure will begin one at all, is so complex as to seem to be such that the more adventur can will have breated for the stars. in perfect indifference as to whether such stors have "earth-like" elawers, on lower as there is most available. The Great Enodus will

have begun Assuming a propulsion system comble of attening a velocity onewith that of light C.I c. or 30,000 will be mer. The salary will belong to humanity or will it be over? Perhaps the vowning gulfs between the calaxies will not seem so

unbridgeable by then Ok. That's as far as I can go with space colonies. Now aid in-

selfigence amplification (is it a per-son or a machine—only the composite entry knows for sure) Antilcial intelligence. Internable contact with non-human intelligences (if we cen't find them, we'll breed them) A thresand other things. Now mix them all together—and don't forget that they will all interact on each other and on us in infrancly com-

olex fushion, and at an everaccelerating pace Now add at least one fundamental development on a par with lasers

been conceived, any story presendnot have at least one such is more

all of this at least implicitly irro ac-Clearly our funers, if we have

beyond mortal comprehensive: what upo? Who amone us can take this kalcidoscope of ever shifting, unending, always interacting and evolvne mervels and fix it in his mertal grap? Can anyone? As a sciencefiction editor I can only hope that one of you out there will prove to ...and earth so far away Herbert Charles Petley



This take their scown in factod space of the insert reaches of the astered attitude. A spartfully free to the astered attitude a part of the astered attitude to it, water condensed and feeters on its alternative skin, when condensed after the filter and weekly age of a mixing platform. They were all a mixes of tends, those they, gene tends and channes of pipes, miles of pipes covering back on each other, and miles of since, all propelled by supersional generated from cutation files. The stems after from cutation files. The stems

engine was a remarkable device. Who would have thought that the same principle that powered Wan and Falton would, there hundred years later, power a mining plat from half a relie long, hang up in space to sweep assentials. The old faction welfers were the only ones who dand. No same uncertaint would

have vettered it. They knew somethap, these old demanes.

The men by sleeping is a simuleced sight. Eleves forms used inso coorens tool study to the bubbased on the study of the bubbased of the real terms of the study of the litered in the disk plate, a pisson that was alreast dark. He could have the man becuting in their disease, and controls of the study of the part of the study of th

the black eight of space ... nuddy dreams of Mars when the lichen

fields bloomed and children in their airpaks scampered over the mounds of solutes digging for rubles. Mars, Moon. Earth.

Moon, Earth.
They slopt, these planetmen in a fround tank in spoce. Avo looked again at the empty skepnet. "Stupid Earthman," he whispered. "This sorry you're dead," 'His voice surprised him. It was like the wheen's heaviling of the shearest.

supprised bin. It was like the wheezy beauting of the sleepers "Taustro," he thought, "you knew it all Captain, margine rankingstor. You were still an Early man," Any weedened in the might and large he workeded in the might and the work of the story that the work of the story that the work of the same has been and pro dayside. Taustrom weeded arver wake yr. Sixonn days they had fleeted bits since the these and breaky of

the platform. They all had picray of time to make it buck to the home or command models in the eagincer's lingo. The breakup took for days, removable destruction. A billion-doller classer of mechinery blown to pieces, a million tons of water, a million tors of assorted orn, mostly chromium, worth who knew how much? It was plain disasare Thry were backy so one win killed ourright. Tourner had died on the fourth day, out in spece in his are suit. He was supervising Avo. and Henrings as they cut away a giant section of superstructure that thoratened to keen them seleming with an uncontrollable yaw. Taumer shouldn't have been out there. It was an Earthman stant, a show of the dynamic man in full command of a disaster.

Tastror was thenry for the adversace of space. He should have sayed within the house, or nather, sayed within the house, or nather, sace he was first and forever an originer, he continued module. To any space it was the house. Tastrors had come out to see the adventure of Avo., ship's final resource of the seed of th

shortles to States; Ano and Benmigs, a series and Benmigs, a series and Benmigs, a series and Benploce of superassers with large ploce of superassers with large ploce of superassers with large for Tasyany What a talk in still the Earthfags after the resore, after this retirement to the rolling hemothack hills of Virgina. Tassmer had the resore all figured out until the G force of the yaw give an enknown. We rough to the fragment of in-

grirous machine that span out and cracked him across the back spacezing him dead in his air suit against the hall of the housectank. The satt poped like a little balloon. Avo had advised against Tasamor corting out. If was put one man too many for the job. But Tasamor was both caretan and manager.

both captain and manager.

That was part of the Earthman mystages which the owners of the corporate mixing whicles and platforms created. The captains were always Earthman. No Martian had

mining complex nor was likely to, given the oursets state of politics. Mars had two bresk-away colories now. Two independent cities grown up outside the authority of the Constitutional government. The draw mountained Mortlin convision.

mee recognizes some recognizes content experience for the content of the content

using Earls competity by secreticing the competity by secreticned prosents, however, and the unreal greats, however, and the unprose only served to prove how far Earth was from the realizes of Mose and the posterior in the comtend frames. In one areas of the month state, the first new coltony had created in own breeder cown raths of uptvalture facuses. They made good corpressit with

wildest miners and arranged to carry their own totalers wasteen to docking other to arrange the moke in asterned space. The Earthgenerated embargors, beyonds and restrictions prohibited them from to midit graducer by-products down tenth recited from would do But Man was arreleted attemption. The accord ribet colony had spoused the following spring in the secodem hermideness and the wasn't constructed the secodem hermideness and the second colonial second to the second second to the second seco

reasures dag out of space. Both revoled in conspiracies, and the onward display of aons.

The toubtern Mars hemisphere was virtually rerelubited. Cody a few soldred weather sames or Earthside scientific cours existed there. The girac city had weat account

ing of an arreed Earth expeditionary force. But that was rarnor Earth was so far away and the reneguale colonies still quite small.

Avo ripped out of his steepost and moved weightless to the operations dock. The robot gifter mortificated their postutos and the life systems. All other functions were dead. They could send microwave bet not receive. Their distress signal was head all over space but rescue would be long in coming, despite

would be long in coming, drapite Taistron's polyimus plans Abrody, those plans had juopardized the remaining lives on board.

d The torque twisting wrockage that is stilled Tassmor had som away the 't high gain antennae Avo and Henit nings had rigged a sending beam on a the seventh day. But so far they is hadn't put sugether a receiving dish m. And this crew so odvanced in all

Six were miners from the NATO group, all Earthreas with process of wives and clifforn and granded strategy or wishers have been to be the strategy of the stra

fight with their dudes, fartastic nock minors excited with taylors, national face with taylors, so were also quet, crefit-wise, and see mach minorated an Mars or Earth. And then there was Avo ... first officer and navigator, the one and only Martian, very soon to be a deserter.

There was no other way Tassenar had ase them on a rescue plan that was filled with Earth legic and this was ount space, the edge of the asteroid belt. Mars was way actoss the san on the far side of its orbit trainful to the position that the houseank was holding. There were success other raise platform in space, all same one playing the remains and could raise a the

dense rock fields of sector 440. The other miner was a slim possibility of the damage to their own complex had been moderate, but this had been a major disaster. The mochine win totaled and they were lacky, only lacky, to excare without more

deaths. They could never much the nearest mitter without propelision and scanner recentling

and scarner reception.

There was only one way from

Avo's space-minded foots point. He
would have to desert and be would

have to go now. If he didn't he would be a dead man in a hollow, frost covered tank floating through the socks with ten other dead men.

all sipped notally ignor their sleep tests on occasion but only for one test.

Avo took a long last look at the lexist guidance print-out and logged though it was rare that more than

the All-System position confinance in his mind. Now was the time in his mind. Now was the time while the others were sleeping. He flowed to the equipment deck and deeped his airpuit, then opened the inner hands of the airfock, storoed

inser harch of the airlock, suppod it in, locked it, and present the vac- or sum pump. The cular hatch eased it open and he palled hinself our into a space. A thirty-fort, all pumpose or ritin-lug was urbroad to the finesty. Shousotenk half, He wessepped the methers and pushed off, climbed up. We

housement hell. He wissiapped the techers and pushed off, climbed upto the bubble of the jumpsets and popped it upon. When he was seared at the cosmols, he pollied the bubble down and activated the sirparpy. When the pressure squalated, he detached his space believe and becan bit show, cases dell's seen. soward life and freedom. If his gambit was successful, he would survive the disaster and perhaps, Good Space, perhaps save the lives of the men he was leaving behind. The mini-lage were peopelled by budsoom kept under great recount

in opogenic table. A small technic, working from the same equating par system, provided the energy to apin the generation that turned out the electrical necessary to give the electrical necessary to give the creat and give it life. It was not a long distance vehicle, be air and proposition systems were invited, and engaged for work near the mixtury platform. They also served as 16th and the control of the co

forms according to regulations, although it was rare that more than two or three were ever used at a tome; platform drasters, wecen I supposed to happers.

Avo upon the silver cylinder craft

Ano spin me siner cyntar camabou and headed all of the gletening houseanth. There was a commonatorpoint busy firee days back in space. If he could render vosus with it, his garable woold sevcoed. Every space busy had All-System communications on board as well as amorgency as; food and waer. It was regulation, a foot-gight scidiom found in systems designed by eliment association for men who be allowed association for men who

hved and died in space.

He pecked again at his times. In two and a half hours, the daysule

two and a half hours, the daystide lights would warm up and the sleeping men would emore from their

absence. They would, notice of them, carse him for desertion Perhaps Hennings, the Moonie rock harter would know what was histpening. Maybe Pardee, a spacewise mechanic from Oklahoma, would

The others would rely on planet based rescue even though Earth and Mars were so far distant. They would keep believing it for a month or more until they extend one by

one from despair or from a pill or from asphyxiation.

Even a three hundred foot sourkiting white tank could disappear arrid

When he had drifted about and was far crough away. Avo fired the budmen ich and the clarus bubble-headed culinder uped off into dark space. Three days would still if ner. If he surveed and they died. he would rever again get a good on a corporate miner, never again be

welcome on any NATO craft is mornets of estrette life threatening situations a specir was surcosed to save his ass. That was law and othic. He wouldn't be faulted if he survived the blow-out and distrereration while the others penshed: one man, one life boat However, he wooldn't exactly he horound, and would never get into souce again on any Constitution

"If the spacers suck me up and not the crew," he thought, "I'll

crift

have to go robel now unless I stay nighttime concerns and discours his on Mars. I wouldn't exactly have much to do down there. Claim a disability or something." His mind was computing relative values. "I'd have to go rebel, if they'd take me on. The emerade Russians would hire mo-that's for sure. A navigator with my trip record would

gat top credits." He liked Ruskies in space. Good chesamen, no complaners.

Yet Avo was tangled in the webs of his own history. He was a morehorn child of for when his purers left Moorgoot Tycho on the first colony ships to Mars. His great-grandfather was a Moon exploration geologist. His grandfather an astrophysicist in the first recon colony, his grandmother a moon because The webs of the past bound him to a cortain server of place in the vast regions of dark specy and planet expansion. First Moon colony, moonhorn, Mary colany child, a space ravigator from exclient mumboost, at parety-pag a spacehand on the first ice excedition to the Rings of Saturn when spacer Marriages, had proved that acc in occun quantity was transportable, uscable. That event had dissolved the Earth umbitted cord forever. If

he failed to bring the miner crew

home to Mass, he would end his life plenet-bound or a navigator for Any streed the vision back stowns the househild and watched it spatisk away on the monitor. "No way," he sald, "no way they'ne gostus find that tank confl maybe next year." The news of the blowcut was to doubt a hot hir of cocretenes in the Copperate headquaters on Mangeot and personal conem, gifel and worsy in Coner. He lonew the NATO settore trains were constitute for nocks, but from a very constitute for nocks, but from a very

great distance. The blowned of a biflen-dellar space machine would be cventing news for a few days on Morei and Earth Consistints would exchange drie, cew lists, cargo poterial. The loss of substown mus of chromium would sicken the someths of the corporate discense, toquares would have already been

hrough preliminary statements. Theories as to the neutre of the dissaler would board via successive from Mars to Mosen to Earth and boath. But as yet very little would be happening in a rescue effort. Not yet. They were all so fir away. But the astrogation body was need about a surveyler in the result about a surveyler in the meth about oursewhere in the meth about present and present about a surveyler in the surveyler in the surveyler.

nght shead, somewhere in the recks. He asked for the coordinates from the astrogator and opered the All-System guide communicative bands for a pulsu. "The trouble with ministrys is that they are disigned for close platform support. The microwave siells are limited. Recovers so or small and too directional." Avor made a nore to regort all that to the investination. If he The minings could south an after five days. The spece body would keep him arother week, perhaps two. It was up to the independent specen if he fived or act. Up to the mengale Russians and the fived of the record of the fived or act. Up to the mengale Russians and the fived fived of the recks was rich in chromatan. There was sure to be a point flowing around somewhere, sure to be a widerent more working as cleaser of nocks sterewhere.

all named in to the buops set out and manufaced by the Constitution. Everyone had the right to navigate—astropate they were calling it now. Everyone had the right to namine it space. He would generate all the roccue trains be would need. If only the could find them, and they could ratch hen. Are set the pulse accention se-

queece for the prospitation erbot, cotended the antennes must and including adjance coordinates into the pilot. He have he would find the booy, day after someone. He climbed out of the beble-decead curcular occlup and went below into the timy mini-sug housetank. He touched the lifementine panel, read as soft vapor light, and then creteful out the silvenore.

He would sleep in his airstet, keeping the helmet an arm's reach ways, too many min-tugs sock yadden punctures and decompressions for the luxury of raided sleep. He alpped into the sleepest and floated back, letting himself relox in space fashion, slow peans; breathing dispelling tensions throughout his body, reliaving feet first, working upward giving advice to his miscles to stop doing what they were doing to cause tensions; knees, genitals, abdomen, threat, neck, back. He was soon in near-belli for a his body would be grateful for a

need sleep.

His nead, however, was still a unced over his decision to leave the others behind. He had approached it in singular Martine-way hope. He was to only one capable of piloting a claimay mini-sing hope the piloting a claimay mini-sing hope the piloting an association busy fifty feet long and a mais of sateriord order. He may be a mark a mais of sateriord order. He pre-ten capation. The decision was convey. He hadd't needed the kind

Hathren. He imagined the disabled housetask and knew the men were awake now, cursing him no death, squeezing the fear back down inside them, pethaps understanding what he had

Next-sleep began to quiet him. He saw the positive pole of his and locked onto it. He would save the crew. He needs take next street parties and locked onto it. He would save the crew. He needs take next partie. Maybe he would go to Earth and read history for a few years. History was his persent property and the political property of the long years in ague had given the long years in the property of the long years in the property of the political property of the property of

ghost university or a corporation, even a tent-city! That was a dream he'd had in his since his days amid the Rings chopthere are in-

After the resons and the inquiry, on Man, hald wiso down to Earth for a time. He was this enought of Earth, They said it was a little place and you could get any number of unmentionable diseases there, some of which transit your longs to back, some of which roated your exhibit property of the said of the

...

and Mich Infl Moon as five and heavily encombated fits the Mex-Nigit enables of an else. He'd has of the Nigit of the Nigit Nigit of the Nigit of the swiftings is of thick, you could? swiftings is of thick, you could? swiftings in order to order to easily superformers or dright on each He couldn't swift yetter that the last pairs. But he'd sever seen and the There was need to the System.

After the rescue, he'd go drown to Each. Hir'd won! Parde in Oftlash. Hir'd won! Parde in Oftlash and the horse. He'd read history books until his veys fell out. He knew Martarin were zoet on Earth. Six billion Earth-prophe and only 152,000 sould Martanis. Joss than 1,000 drown on Earth. Purdet had told him that getting such bed told him that getting such Earthquare was jost a number of working at it. he'd have to take. calcium to strengthen the boncs. and run everyday.

"Jast a hundred yards for the first week." Peolog had told him. "two hundred the second work, then four hundred on up. By the end of six weeks you do a male a day, hell's beils! Most Europeople don't do that! Then you work out with weights for we months expecially on the legs, you got it made. my Pa an' me'll work your ass off on our ranch. We got a herd of back and burley to cut. Sheet. You just show up on Earth and call me. ou got yerself a home!" Now Pardee was trapped in a frested steel housetank with six NATO's

and two Moonies and one other Merican the rolling has fields so Maybe, when he was down to Earth, Avo dreamed, he'd find a few Earthgres to bring up to Mars.

They had from down there all sizes. He knew of a creer about one News Mary colorsy, just south of the furthest reaches of the north polar cap, where the shadows sheltered a cost back of ice. The crater was craybe ux kilos scross, with one wall countied and a flat central basis filled with good glass sand. In the sattemen, when the male officed down toward the sun, enough ice moited to neartsk a bloom of lichen



Creffict for a Indian Supa. Woolings. the cause Galaxy. Omega Mup-Devadoscattes (\$4000 males across) that O" 4940. 10 000 light years gray form, cleaking dovers, suctors win-

Warrison of the Back Ster ... (\$13.05) total unran using entarged models of Oracga. Alpha. Bets visps in visp to gones in themselves, both weres can be STALL OF SECTION NO DICK, NO. CHANCE! Seeral new season olay

> Non-1977 Tearns Catalon, \$7.00; tox vast quantities of wargames (all Iwands) courses overy shape of Wareaburg from the Seone Age to the Fature Par-

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red and purple carpet six to ten centimeters deep.

He could go independent, neither rebel nor Constitution, set up a few dernes with his Barthwives and five on his persoan credits reading his sory. His wives could set up a glass factors and they'd make their own

plorthouses and their own plates and cops. The iceficial would give them water, energy in induction to

hydrogen and with the oxygen they could make their own air. That was the Martian way, the

dreen of traditional Martual spacers. His mind reached sleep. He fell into deserting planet dreams of plane, smiling longhaired girls of

Avo steps all through the second day. There was no need for him to awaken. The subapidat kept the craft as speed and locked over the counts for him to be a second and locked over the counts of the second and stretched out of the sleepest. He floand into the ockpit and checked his data morehres. A large smile spread across his face. He had the hour

signal strong and unmistakable!

He computed twelve hours of travel time before he would have to manuserver and lock into the thing. Matching speed would be tracky, twenty-there years of space craft.

Matching speed would be incky, twenty-there years of spines craft and he was topping his career off with a mini-tog and trop.

If the mini-togs had before commarkations gran, he minth have Twice in the past he had been in on rescues: once an indy wildcaster

rescues: once an indy widdcaster with plumbing problems catoling a shutdown of their fuel rods; once a pinne. Ruskite short through with mesor holes. It hadn't matered that they weren't Constitution.

Avo began to briske at the seventh hour, at the tenth he made cye contact with the blinking rod strobe light, at the twelith he began to match speed and rendezvous.

When he was avoid to make the seventh speed and rendezvous.

ments no was simulationous with the busy, he fusioned this sinhelinet, locked the housetask hatch and pumped out to waceurs. He posped the bubble dome and floated out to space. He was about one bracked meters below the busy, he of placed the tag them to avoid the princing long distance microwave bearms. He

nethered to the tag and poshed off, floating to the busy, catching on to a ring hold. He had made it halfway.

Now he could send out the data on the blowout, the occulturies of the housetank, the names of the survivors. He was never he could?

on me thoward, the accedinates of the housetank, the names of the survivors. He was very he couldn't include Taismer on the list. He found the service hatch and popped it. The interior was alive with pinlights and electric harming.

The rescue effort sook three weeks. As a waited on the brasy for cogle days before an endy prospector homed in and took him off. The indy ship wasn't big enough to hold the other warmers, and was braid to the

munications goze, he might have Man-side anyway. Ave regretted been able to raise someone by now—that he wouldn't be going back to 10 the flowing bousetack to spring his A roving rebel-colony mining

alaform crossed four and a half million kilometers to take the men on board. It was four months before they were able to transfer to a NATO rated ship and ferry down to Marc

Avo was waiting for them when they touched down. He had fone since made his report and testified at the ownliminary inquiry. New that the others were down, he would have to do it again. The thin clear winds of Man, blow rod dust devils ocross the landing strip. The shuttle came down grassfully, its great moveable wings spread wide. throaters flaring in sequence The

Avo waited until the craft tunied Avo water unter the cries users into the cargo hanger, then went arrow the turnor and slipped his tiberian credit plaque into the robesecurity auto. He found a worst verrage point behind the video crews, his slender 6'5" tucked new a service vim. The outer beaches

down the nortararro. The video warmen ammediately pounced on the surprise news only eight of the nen interred! The two Moonics had surped contracts and signed on with the rebel platform crew that had rescued therm!

had classified the story in coded messages to Forth, but had not broadcast the change in status over the common communicators. Hen-nings and Dusco had forfeited their lunar criticaship, forfeited their bank credits and gone rebel! Avo felt a racing ways of excitement break over him. The new colony

was eager for accomplished spacers to man their mining craft. The Moonies were naturals for recruitment source that with an either or hads and not enough in the bank. even to metalwise moonies, to keep them from taking the leap.

The sthel mining effort had gained intreasurably from this dis-asset: A rich source of chronium was now coordinated, their own giarform was now mining the sector, and they had corned two freespace demolition expens with immediate experience and corrective engineering degrees. Avo was more than test interested in the new colone, he was overwhelmed by its resourcefulness and spirit. He would or the whole story from the Mericare. Parter and Pareles He saw Pueder's bright blue gars Dashing

and his harmy face crack open in a The video cerus made a hip deal of the touchdown. The news would good to Earth and Moon without dries. The roution of the least space blowout servinors with the Marian who had mancavered a minister through those days of sence, pinpointed their location and effected their rescuel it was not much for grounder imaginations, even Martian grounders. The story would illuminate two billion video servers and fill names of armorrist It would also be stored in mucro

Hos, occupy the gossip of Corpo rate boardrooms and design labs. worry consulates and governors The rescue had been corned out by robels. Two otherwise reliable, skilled spacehoods had immed contract. The implications were too

cornelicated for instant analysis. Avo, Rander, and Pardee rode in comfort back to Marsport, sitting iroide a corrocción executivo tourine car. The vast cluster of femo-glass dones danced in the pink hate across the crater floor. The Corporafice was patting them up at the Danes Herel and the attorneys and investigators were eager to get more of the details of the danter. Avoled he was a Martine, given to little speculation and not much talk. The investigators would have a ball with the hard talking Mericans.

The NATO crew members went to NATO village or exercise had expected, the NATO's being a nate ponation is pissed at the blowout." security group, tighter than even the video crew leved the six smiling NATO's with their handsome faces and symmetrical, well muscled testics, and especially the obstenchildren and grandfathers, wives and Cravins down on Earth. There

weren't a lot of single Martian girls in this business and bureaucracy town, but most of them went out to NATO village that weekend Over ship came down for a week on the

The cool faint sun was sinking pule red in the evening pink salmon sky. "Short," said Pardee, "Me's Rander would of surged too Evcept we already got Mars visas. I couldn't see losing the credits in my accounts, but let me tell you I give it a long, long thought "

The thore men sat in the garden har on the fourth torrace of the Hosel. It was one of the talest huddings under the doors and they had a good view of the conscration garden district from the windows. It Pandee and Rander hade't had a drink in aliment a year. Ave was smoking black lichen and drinking expensive togethe imported from Mexico. "You know we thought about 11," Rander added. "We gotta keep it under our beliners, ya know? We don't know what's comes fold over at the insurest. Cor-

"Yeah, it's a variable at this noise." said Porder, "The Corrors. tion down't exactly know what's floating, see? Those NATO's have been strictly segregated. They couldn't do that with us 'cur we're Mericans, but we were on board the mbel elaform for four months beforc the entroller took us on. Let



ing gos. The hands get a share of the tonage swept up, and a there of the snelt. Besides that, they got some balls out there, Awo my friend, real balls. We seen 'em detenate a chank of neck trace as big as we would have dured tackle and

oney while we was on board," and Rander, "but they advised us or heir political attention real friendly and accentate. We had a briefring or sideo from one of their amorneys side on the whole shot. He advises that we didn't work and the captain up there tol' us don't even bother wornyin' about it. They wasn't shour to utstach any of our coeffition. The wasn't have to stack they were also the to statch any of our coeffiany of their operations."

The smoke from the heady black

lichen coupled with two shots of topale had Avo spinning. He felt a senso he hadn't known since tha first fantaste trip out to the Rings with the expeditionary flight. This

control of Mars and been shuttere Something like that was happeninggals. More subtle perhaps, but new energy was coming from the breatwas coming from the breatway Vandis colony.

he icy tink miles long.

with blue light. The dead face of Tassner ghosted through the sor walls. He could see bleed from the Earthman's crushed large frozen at the corner of his smilling mouth.

He awakened and saw the menning light at the window, first the bed beneath him, looked at the plants hanging by the windows. He suddenly fell vory old and creaky in the jorns, not at all the a spacer celeb-

torget of eager well-wishers.

The Hoof hoe had been packed with handshaking businessmen and specialty his recurrence and the packed with handshaking businessmen and specialty his recurrence has and Pauloe had them to have a packed with the density offered and the gipes of black fishers. Be'd rever in his file density offered and they are not be also much a spacer over the first had so much a spacer to really eight, in abusys in space with only a result done being down with early a result done being down with the packet had been Charles to cell a relativistic of the packet had been a packet as the pac

pracetionse. Peeks sould up the spetlight and oosk some of the heat off two with half a doors mere uses of the months on the rebal platform, his more than the spetlight of the

beauties in the bar. Avo was think-

ing of women more and more offen

The morning light spread into the norm He had never apers a night such langer. The bed was wide and deep with soft sheets and far pilous it was a guant room with tall windows and a halcotty. "Exce" his ra soft," he mermand. "No wonder they all look so polished, halfful user he continues heaven

with shooth in why."

He strenched. The Mangray togand at hom a little and nulled hom

down. He had to get used to three affeling. He was still sticking things out in the air fills a gliss or a per and being sated when it fell to the floor. Even with an enough down means the same with an enough down in twelve the highest he'd stayed means to the highest he'd stayed down in twelve years. He was feet to trapial and very old it was stree to make may been, secretion, but he couldn't think what. Any reached the same are please, secretion, but he couldn't think what. Any reached high the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover and low had to had a proposed to the salvent hereover had been a proposed to the salvent hereover hereover hereover hereover hereover hereover hereover hereover here hereover hereove

shop until noon.

The videophose was calling himAvo awakened again and snaped on the mentee. It was Piedee, "Get yer ass onto bod, spacerson, and come on down to the sama. I get some news for you."

"What news?" Ave manured.
"I'm not getting up."
"Cain't tell ya on this system.

Meet me down in the saurae Come on new, it's important."

his more until hunger drove him out. But the invitation to the saura sounded good and the added space of some Earthman intrigue was too much motivation to resist. He saided up and found a clean jumpsile, shipped on his desert hoots and went one to the elevator.

cut to the revision.

The suaria and exercise spa was on the ground flowe across the reculyptus garden from the pool. There were only those pools in all of Mansport and on weekends this was a popular social spot. Arch had (gared to hang out throw on Sunday to entertain some single young halses. He consend through the forms of the population of the consend through the

Johly and out into the fragrant gardra. Exculyptas grew well in Matian seel.

Parties was waiting for him in a private has Aun showered free

and, wrapped in a thick velour towel, stepped into the 180° heat Parties set naked on the heath holding his head. "That fighten I smoked kicked my

head from here to Encelsains. Six down, here, you ready for some isless?" Are ready want. The politics and leverage games that went on between the fuse inhabited worlds had never easily sameword him Pardee fook a deep breath. "I had to move you have because."

weeds had never mady stressend him Pardic looks a deep heasth. "I had so meet you here because I don't trust the boral phone system Rander split this moneing with that meteorologisal Yesterday affention, as seen as we checked in hore, he slipped out to a bank and get his cordes transferrad Mans-sale. Like I 301 you we both already got Minsystan. This morning, the transfer

or comes through, he draws it all out on and him and the girl take off! To od Vandis!" it. Ave's head was clearing fast.

six. Avo's head was cherming fact.
The only place to take office or on this place was to the new colony was "He's gene over to Vandus" the What about the impacts" He re-ained the was a during specialis. Rateful dis "There ain't genes he no tripatest was the place of the place o

can man in my room the monthly using to find rut if I was going to run, no. I had to chim rights to get them out. The Corporation is geting set so file substage charge. "Against who?" Avo real quickly "Ain't sare yet. The NATO's has consequent their combined.

have redered their crew back to Moon. They refuse to meet interviewes. It might be a showdown between the Corporate, and the NATO's."
"They always stick together."

Avo calculated "They is goest try to bake the NMC at Varifix and blame them Then they get the enhagoes enforced, see?"
"Could be I can't tell, being haveally death at politics. But

basically demb at politicos. But somethin's goin' down and I wasted you in on what I know."

"The CBI can't question me without a civil justice warrant and they can't get that Markan spacer rights are tough to violate. But it still ought to get an attorney just in case any charges conte downnation of data or attorney. truth is I don't know what caused the prelimenary explosure. All I could tell them was about the stages of the breakup afterwards. And Taxorrer's death "

"Hernings made a report about that to the NMC manager. So you're covered good on that one

He will make that report available if you request it." "Since I've been down here sevcrai recerbs, there's probably no

worry about me going over. I'm first colony arrway. My Martin rights citizenship would make it im-possible for CBI to extradire use for another. Trouble is I was serments

considering a trip Earthside." "You wrre?" Pardoc was beam

me "Lissen, you got to come vise my folks and all."

"I was figuring I would I want to see what Earth p. all about for myself. There's dame few Martians ever been to Earth. I thought I'd law out down there a few years. Read

hintory, find a wife or two." "Find some women" Pardee issurbed. "Why. Beo," do you have

any stea how many thousands of Earth girls would marry you and to est up to Mars?"

"Thousands"" Avo wasn't going "Thousands!" Parder reported

"It's the mystique Sensors are rare birds. I can't tell you the fascination most Earthpeople have for spacers Even a platform mechanic like me. "I wanted to be in space since I was six years old. I been expecting to go Marton these past few appuals, hone my wife and kids on here. Hey, the best astrogation and piloung schools are on Mars these days. Mars is the future world, far

as spice goes. "You come on down to Sandyville with me," said Avo. "If

there's no inquest, there's no need to hang around here. Down there I can show you some mal Mars. I got my lodge down there and we can trip out to the desert. Mars is a place just beginning. Let's enjoy the Comporation's hospitality today. I want to get in that pool this aftermoon Tomorrow morning we'll couch the aboutle does a to Coaste."

Sandyville was a spacer enclave tucked into a live escarpment dat west of Crater Ave and Pardee bounded the first shartle in the morning, making the four hundred kilometen flight to Mary' second city in helf on hour.

Crater was more populated then Mangon, being a center of spacer activity and independent trine or gaminations. The crater it sat in was

fifty kilos across and the rim well. bended pink and red, curved around er a second raise that yarred from two thousand to more than nonthousand meters. All monter of trade goods changed hands at Crater air racks, done kin, asserted schieles, mining equipment, space north for a thousand and one

machines, vegetables from outlying glassfarms, fertilizers, seed, farm implements, glassware, clothing, sand boots, imports from Moon and Earth, carved ruby, Martian metals. black lathers, contraband of every description: families, children

cureful siender girls, myths, looned of the colorists, well kept saloons and wild, wild stories of space, aspends and the dunes of

"The story about the man, Vandis" Aun told Panine as they sat shoulder to shoulder in the tight seats of the shuttle. "In the story of the original independent exploration of the planes. Vandis broke away from the clutches of the scientists almost a century before the Rines.

Exposition Everyone thought be was dead for ten years after he disappeared from the First Goological Survey. Marsport was the only base then. Totally military-scientist coninstitut. Varieties believend Mary would support a colory and perdicted that Namers would live here. prosper and break away from Fach scirotist domination. He explored the entire circumference of

the north polar cap and built cran water and air makers." "So, that's why they call the NMC colony Vseids," said Partee "Exactly." Avo continued "Vandis become expert in dry land

cons. Most of the mysters legands come from him and his first follow-

"Like the Lost Marriags the dead city on the course, the dure Creatures and all that?" Parrier was as wide-eved as a space child of

GX. "Right, Vandis come back to Marsport ten years after he had been declared dead. The officery tried to insensurate him. He scared

them to death! He came in at Manport one morning on the tail and of a sundatorn. Everybody thought he was some kind of true the first Earthman to live on Mory

On Mary alone without Earthsupplied excutonce. He did what was said to be impossible. "Issued of welcoming the man back as a visionary and a hero, they

leifled him! He was a terrible throat to the safe little scientist bear. Three didn't want anyone coming to Mars supervision. Two of the younger members of the enclave, an at-

tronget captain and a young femule geologist, sprang Vandis out of the tail that the base commender had constructed past for him. They disappeared and wolfed away into the desen. The commander went out offer them, but rever found a trace. So for the second time, thu one classified for tweety-free years. Vandin win declared dead!

"The three explorers keen they would be discovered if they stored year the poler cap so they turned south and set up several bases. After a year, several more people from the enclave disappeared, slong with various pieces of equipment "Gone to Vandis" was the term that grew up to explain it. And every year after that, top flight people would desert. Soon there was no denvine that Vandis was alive with his followers, somewhere

Pardee was watching the ragged duces and red walled cracers flow past below the round window next to his albow. The Vands legend was a much of his childhood has here he was flying over the wayservices that the first Martian

ecologist had surveyed "The greatest Vandis tale, to me anyway, is the Ruby Caverns,

"Somewhere down in the equator belt is a system of lost caverus. The Martines had used the contribute as storage bye for the last traces of their society. The legend says that Vandto is will after and drawn three with them. It could be, you know. the equator has been extensively mapped and photographed, but acaudy curloyed very lette. The undsterms ere incodible, water factor just about zero. But there is to doubt there is not as much ruby there to anywhere else. Whole mountain ranges of raby "

Rely was the first buy discovery on Mars, one keen secret for decades from feur of the companie unpact on Earth. For 150 annuals the scientists who controlled Man raby trade. Mars ruby was highly adaptable for industrial use in all manner of lasting devices. It was so common on Mars that critic cliffs and miles of excessed ridge were

compound of the hard red carbonutdum. A lively legal trade in carved rables for sewelry had gone on stree the days of the first colony. Martian craftspeople turned out plates, curs. goblets, paperweights, nocklaces, scaletures, all manner of artifacts for sale on the three worlds. The memory managers of Earth had street setffs on all kinds of Manua goods. Especially carved ruby. But Earthpeople were so nich now that practically every household had some Marian ruby product in it. as well as Martian glavware. The sands of Mars were especially suited to glass making.

Avo's lodge was little used and poorly tended, not much different from dozens of spacer lodges specand amound the Sandyville enclave. ser a thirty foot house dome within a minera-foot place air dome. But it non his.

Avo had yet to take wives, not secondario amona arteran sources. who weally settled in to a planethome around tons-five or so. Aso. had known a heartiful Martiso girl as a lover when he was on the Ring convoys, but she had died at an custoot neather station during a fericious saudstorm, so many years

Partice was an immediate success. in the enclave's social life. Real Earthmen were uncommon outside Marsport. His tales of hay fields and horses astounded the veterans and children alike. His thick frame and multiple tutors fascinated the Martin women. It was clear that he

could early add as many more to his family as his Earth wife would STEPS.

After five days of danc ordillary he declared, "I'm goong home for one last time. Avo. Pack up my foreity and on Martins. I knew Ed. be doin' it somethay. Since I was in astro-engineering school My wife knows it, too. We can make it up

Ave notifed. "You can go indenorth that's half filled with sor. I can build a hodge there and an ar maker, put up planthouses. I can. wy can, get an independent mise commet, firmerce a platform you can not up ofmethorne

From " "I can see it all," said Pandon "Is could enable work out. We conect finance down in Oklahoma and Towas in a hot second, that way we (an open on Earth-Moon trade line. Long as we don't sell out completely, it will be our own trip to

"No corporation beauty to tell us. what to more or where to more." Ave malind, "Only a teath of the

We can trade where we want Vands or Craper or Moon Just one off any mycators real handsome."

"R's done!" Parder Iraped up and looked our over the shifture miles of low dutes. "I'll get us head spen "

Ave returned to Marseort with Parties on the workend shuttle Pardee had enough pull to get a bookmy to Moon on the first one freighter. From Moon there was an everyday transit down to Earth. "Don't let year my rust away so beec. now," Perdee porried a finger right at Avo. "You come on down to Earth as soon as you can book

transit. We're goess do some business, pariner." "I'll be down in maybe four months, five months. What I can do us here in find us a relations to ris out. Lets of the wildcatters are old new need first class refetting. I can contract one from Crater, no years Then we'll have to lease a transpor-

ter Plans and ideas filled his mind. The propert of starting new theilied him with the same kind of excitoment he had folt so long ogo when he was standing on a fivemile long churk of ice floating through the Rings above the monstrong orb of Saturn

The black shattle screemed off

the reaway carrying Avo's new partner away into space and to his rendexvoes with the ore feregiter which would carry him home "Home is a place where, when

"Home is a place where, when you have to go there, they have to take you in," Avo said, recounting the lines of an old Earth poet: "When I get down to Earth," he thought, "I've got a place naw, Ok-laboras, wherever that is: " He

made a note to check an Earth Atlas in the Corporation library back at

His return to the cogital was less conspicuous this time. He caught the public van and tode in silence soward the shimmering classive of dernes. He had an interview that of termson with the Chief of Mining Operators during which he had decided to make his regiments.

cook of rata an engineers complete was a newed in arthura complete was a newed in arthura course with in own society done set used the city's missier consumpty at done. A small forest of conflict landscaped also Martine busiliers and missive neby conglumerates. The huistings were still predoction and sites the still produce of the conflict landscaped and so the still produce and sites set with black Martine busiliers and missive neby congruences and sites set with the Martine and sites and the still produce the still produce and sites and the still produce the sti

The chief was an Earthman en-

giner. A grounder with Invited space expenses, he was a defined administrator and organizer. Avo delive 'get a charce to resea; "What's been decided. Earthside, Avo, is to accelturate your pession gate and give you a much record recommendate and give you a much record recommendate of the person of the your colors. It was you to know it was not you decided, and the commendate you do not seen that the your way to your your your was a supplied to your own promote the person of your own promote your your own promote your your

concerned about security of the platforms. It's not your own personal loyalty, year a tack of understanding. What they don't ware is a whole platform poing over to Vandas, leaving the Constitution, persdiction and precipitating logal action.

Incidentally, I am empowered

to give you this mernaneus credit certificate for your part in the rescur, which was entirely your show from my point of view. And firaily." the Chief shoul on from hehind his desk and handed Avo a slender black box. "Go ahead," the Chirf bound "Own it." Avo unspeed open the lid and stared at a gold digital winst watch. "Last you a lifetime." the Chief clamed The got one ked like it. It's said a Earthtime, Moontime and Marstime! New if there's onything I can do personally to aid your transnon ary references or such. don't besiture to write."

don't besitute to write."

And stood up quetly. "Well, I

was hoping perhaps I could use about here when I'm under

"Certainly," said the Chief. 'have the security section issue ye pass. We have the best magnetis Mars, you know." Avo st hands with the Chief. They

the stars pop up, clear and floory over the rim of his cruster. The gas bank of sows and ice that pertially filled the high northwest will gift reced in the shadow. He thought or the ice that had candensod strong the flooring bousetank after the blowwart, now a year gone by. He recoped come the foce mail

He incepted open the face man of his surpack and sook a petf on pipe staffed with black lichen, the lay back on the red sand. Earth as Versus were height against th blae-black sky. Vessus was so must blae-black sky. Vessus was so must blae-black sky. Vessus was so must blaet has societed much classer the Earth, which was existing bla and green.

He imagined himself as a library somewhere down them in a city next to the sea. He imagined planes, longhased Earthgirls swinming ranked in the waves. He bless out the lishen struke and flaspeed the face mask back in place. Earth for the struke and flaspeed the face mask back in place. Earth flaspeed in the evening sky. He wondered if he was looking at Oklahoma.



Postscript to GATEWAY

WHEN I SUBMITTED the manuscript of Gerrway to Jim Baen for Galaxy. I warned him for and square, I did I sold these were ome problems. I sold him that, not only was it owney complex to be broken into serial installments, and typographically a nightmass besides. but I was still mokering with it. And to I was I rewrite it completely after that first deaft, particularly the coding. I don't know how many times I revised that. What I do know is that after I was completely through with it for throught I was and had barned in a complete manuscript, I then had second thoughts

SPECIAL FEATURE

(and very short) chapter.

Now that the book is in print, occurrents and reviews have been coming in I main say they have been extremely kind, by said large, but more than one of them has correnceded that the ending takes some getting used to And now Jim has asked me to let him patishs that certainly is chapter, and along with

it to try to explain what was going on in my head

because I embattuss essily, let me say something firms. Producing a book is a lot like preducing a buly. Europhody knows what has been going on, but it does seen very delices to talk about it explicitly in public So bear with me, please, does friends, while I my on do this

sames I evided time. What I do
turn is that after I was congisterly
brough with it (or throught I was)
Blendes being a cover, Generacy
brough with it (or throught I was)
Blendes being a cover, Generacy
Blendes being a cover, Generacy
being and being being a cover, Generacy
being and being bein

An address resident wraters invest to country, and in the counte of dings on most of its figure out trace per if you ask Larry Nives about see the track, be can sell you details of their feet of their country of their feet of their country ask about their self-order per in their decisions and shore breeding at habits that have cover been pubblished. So can Gordon Dickson about the Domai. So can I about most of the characters and settings

The reason that not all of this backgrounding gets into print is not because the authors want to keep secrets from the post of the world. but because explaining too much down the action. Science fiction readers already accept much greater demands on their imagina tion and intelligence than the read-en of most fiction will at still for. But there is a limit to even their potence. Past a certain noise, they don't want to how any more talk about why a thing in, they want to

cet on with it. Contractwise, one of the Great Good Things about science fiction is part that it does build these inscreeting and colorful new worlds for us to room around in in our imagitations I imagine most of us have furnished from first to time shost living on Barroom or Os-

some, or in any world that some writer has given us a passport so. The experiment I wanted to an was to make that whole world as complete as I could. To any about it everything that I knew to use. Not just enough to account for why the characters behaved as they did. Not just the physical parameters. The the constraints, the sensory inputs Much of that can be done in ordinary narrative, and here Robert A icin. And so get this is without requining the characters to tell each other things endlessly I adopted the device of "sidebars" I do not claim it for an invention, it is a technique of journalism. But I do not remember having seen it used in

just that way in any nevel John Dos Passos had done semething file it in 1979, a long time ago, by using newspaper reports, an innovaion ricked up and cerrical a sten farther by John Bounner in Stood On Zorgibar, I had experimented with the concept, from a somewhat different tack (only to provide biographical detail about some of the "mainstream" novel called Presidential Year, which I wrote with Caril Korablash in 1956

For Gotowey, it looked like the device that would do what I wanted done. So for a year or more ofter the novel must was essentially compiete I found myself composing poems, classified ads, letters-to-the-editor, mission proops and all soms of other data inners to be by sected sets the work. I travel a let 1 almost always carry a psynable

typewriter with me (it is my seout it), and so I wrote little hits and preces of sidebars in all sorts of observe in the TWA leaver at O'Ham Airrort, between sessions at any number of college lecture dates and of coes, on trains, in a hotel Heinlein is probably the father of us mem in Toronte in the intervals on all. Some can't, not even by Heina week-long communicat to CBC Television in connection with the Apollo-Soyae hookup, everywhere. I have a very dear memory of the appression on the face of the mald as the caree iron my staterous on Charactic library on the control of the control

couldn't jet her. Necasset was my rigo make a novel.

I don't prosesse that this is the best way in what a rowel, if always ore ever finds our what the best way is 1 with held the mis like in this case of had othersteps. The world does not hook the same from the dack of a slop, or from an all-sight done aroses the highway from a need, as if does from my writing effect, on the log please of a rection, on the log please of a row of the country of the cou

sidebans by the process of the control of the contr

to me as though it were coming close to turning out to what I had wanted at to be: a world. Well all nuts. But how to you

wasses at to be a weed.

Well, all high. But how do you
not a world? A row! I smally can
give out how to row! I smally can
give out how to end. In fact, I
know a lot of ways. Unasily here is
one depend on what is the man
frame of your sites. It he man
frame of conveys was the roller and trove
of conveys was the roller and trove
of the book. In Task, was the
first books, In Task, was the
first books, In Task, was the
first books. In Task, was
All another I had bought it was
the amount all some of the Bought it was
the amount of the row! of Refriction.

Broadbaad At still arealwre, as the comparer psychronized Statistic Venture and Stanis seemed more and more important. I thought maybe it was even his story. For each of these I could see an ending, but all of them were wrong for Gateway as it had evolved.

Well, you already knew III.

Well, you already know (if a you've read the story that 35) what decision I finally made is it right? God known his the rightest I

could make it. For better or worse, that's where I stand.

Nevertheless I think it rother asture of the reviewers and others to have noticed that there is something unusual about the ending. And for any roaders who are interested enough to have stayed with me this long, here is the bord last chapter that I removed from the novel "When is so rare as a day in June? A beautifully unition, enterthing book Such a book is Fred Polit's Gateway, a fair/matting aience firsten story and a highly crofted look at the matter of a man. Robinstite

man. Robinette
Broadbaal. Pohi puces the
nosel materials, so that the reselation of the action coincides with
Broadbaad's personal revolution.
The outs possible weekness of the

final events to be piece. It is not use his waiting or loss for hours to not his waiting or loss for hours to no work of or, and then being shipped part it without having an opposed hours to apall or Than onemon u or notes to the control of the pering over the the very real necessities of the piece require otherwise, not the story to really whose Broadbead, nor that here; recovered of scientific worder."

Deligi FASS Bersen:

a worderfolls original architectural pattern congistal architectural pattern comparer account for architectural pattern comparer account for architectural pattern consistent account for a service of services following the pattern constitutions in the harmon of the architectural play law aeristic or of the most of more architectural for a responsibility account for pattern consistent for a responsibility of the pattern consi

Under the bubble the last oftermore our was warm and gestle. It was bar, but I were right to the clob-shower, plange, the miscose in the assure and when I came out I was mady for my date with S. Yia. I was more than randy. It was booking forward to it. Not only for S. Yia hasself, penty, sutfligger, kind as the was. I wasned very much to make laws to her, but I also warred

so talk to bee:
All that staff Sigfrid was giving
me—was it his crazy electronic fattasy? Or was it real? S. Ya. would
know, or at least know crough to
talk smidbly about the possibility of
lighting machine enrolors error
machine intelligence.
On. 1 had not forcotten Kiral.

She was still in my heart, as much as ever—more than ever, because undermath the pain and the guilt were the tendemess and the love, that I would have for olways, wherever real-Kizza was. I have all my parts hack again, I

I have all my parts back again, I am whole and as well as any Inting thing is ever going to be which, I decide, is good enough for me I have even got something I want to do! I own Suffrid a favor. He headed are

Maybe, with a little help from S
Ya and the Grace of God and
Good Fortuse, I can make at least a
start toward healing him.

[THE END]



"A SET LOWER OR the left. Bit more. There, that's it. Hold is night

I held it as Walde descred and he drove in the last nail, then steeped back. Perfect. We looked at the sign and beamed at each other

Burnester & Carver-Level Advisors ' The old firm, a long way from Washington D.C., but back in

We west into the office and closed the floor. Not much sence inside-it cost toe condits a square foot, sufurnished, for rentals in Thanks City. But we had one respectable-stead office, and a much

less fancy office/utility room behind it We'd agreed to take turns manup cecually business to special ourselves a bit. As the first and only beauty on Mary me were over that wouldn't take long I went back to my deak in the

rear office-Waldo was taking the first shift cut from Then I came straight out again Piffece missers carlier there had been a with doughest on my table. I looked at Waldo and bozzo, "Waldo, did

YOR -- 2" What was the use? I ease up in mid-sentence. In the twenty years core use left law echant Ed nere Waldo swell from a youth of sylphlike elegance to a first-order man

mountain. The time he'd spent (more accurately, does) on the Venus terra-forming project had soon as he reached Mars he'd started to swell again. I'd bulled, insulted cainful lectured and warned Waldo. If he kert on eating the way he did, one day he'd explode He listened contribly. swore he'd diet at once, implored me to keep sweet staff out of his

reach and thanked me for trying to help. Then us soon as my back was As it turned out, we had been own-onlinestic about the number of

cases that would come our way True, we were the only lawyers for forty million miles, and Mars did have a population of several thousand But-no business I murtain that where a barbarian would rack up a nock or a tree root to settic a disease, a civilized man such

up a videophone and seeks legal counsel. Measured by that standard. Mars was too busy scrabbling for survival to qualify above the barba-I had fittle to do but sit about. watching Waldo occupy a stradity increasing amount of the available office spece-When our first client finally ar-

desk and I was simme in the back

office looking at a larger travel brockure Waldo collected them I was mading a portic description of a valley of mad, dast and rock when I heard the door of the outer "Are you Burmeister and Carver?" asked on unfamiliar voice.

"We are. I am Waldo Burneister, at your service."

"I'm Peter Pinton. I've got something extremely valuable here and I'd like to leave it with you to lock

wads's visite seemed to be confising us with a hank. We didn't have a sale, just a big cup board in the back room with a fercivie lock. I seealed a look through a narrow crack in the illiting and body made does between our most and enter official.

with booses hair and a pair of insocent and stortlingly blue eyes. Plin does told on that he was a ranger—postably a geologist, ouring amount outside the derivat city areas. Waldo had responsible instinctivally to the world "estimately valubials" and had Paston already season

in our one comfortable chair.

What would it be? Precious mends, old artifacts, Martian superfluids? I could shrow bear the cash registers ringing in Waldo's

"In our safe, Mr. Pinton! Of course. When is your deposit?" Waldo hald's reused a boar Pinton reached into his brown, bully speket and produced a small plant, about the size of a pill bothe, contairing a plat, only-looking fiquid. Since Pinton couldn's see me I felt me to register my disapprisonness. Waldo tooked at the bestle dubquidy. "What exactive in it. Mr. Pinouldy." "What exactive in it. Mr. Pin"It's Protonic, that's what it is " Our visitor artifed happily. "It's gring to make me the richest train on Mass. I always suspected three should be something. But this here—I've looked in places where the arcology is right for ten years, and I've trainful forard and refixed.

n." He held up the bottle "The most posserfici chenical explosive core known, by a factor of ten. One gram's enough to blow a tec-mater center in solid rock. It'll revolutione mining on the asterments." It'll resolution that the solid windo's lack of certusisism as the

adea of looking after a super-bomb.
"Perfactly safe, nothing to worry
about," he added. He shook the
bottle with great viger.
I screamed so hard that no sound
came our and claused my hards

over my cars. Waldo, with an equally annual protective legic, corered his eyes with his hands. Person cackied insortly. "Perfectly self-Only explodes under very special conditions. Sufe as water." He mached into his jacket again.

He trached into his jacket again and produced a five thousand credit note. "Here's a down payment. I'll need your help when the first comes to negotiate on this with

General Minng."

Now he was talking. I breathed again, but Waldo still seemed curvesly relactant to touch the phial or the mosey. I decided that it was time to introduce myself to our new

into the room. Peter Pinton was offering the phial to Waldo with his right hand and abwen-mindedly scretching himself around the ribs with his left. No wonder Waldo was sitest I've mad a hundred theories as to how Earth fires evaded pre-flight inspection to get

to Mars, and I don't believe any of them. But when you've seen how far a flea can jump under a surface gravity only two-fifths that of Earth, and with an atmosphere in the doned cities only one-shird as draw, you have no trouble understudies how they've managed to stread the way they been. I could detect ripples of sympathetic itching running up and down Waldo's be As Peter Penson and I shook hands and he gave me the money and

of the boxie. "I sold Muriel I wanted somebody else to look after the Pintonite this morning. I'm not comfortable carrying valuables in the domicibile. I feel a lot easier sow. Well. I'll be off. See you in a Mariel says when I tell her ur looking after the Pietonia: "

"Your wife?" I asked politely He looked at me curiously Now what would a man went with woman, out in the not meaned Muriel's my perrot," And he was

I had second thoughts as I came sweepened coffee absent-mindedly as Pinnon left the room. His face nucleond like a nuncrossed Mandome. For the past couple of days he'd been holding down on his calones and we'd thrown out every temptation. The change so far was I locked the money in our cash

box and went through to the inner office to put Pinton's phial into the big cusboard, in among the crockery, stationery, low-cateric food items and legal reference volumes. I nut it on the bottom shelf, next to Waldo's wrighing-machine He'd bought a spring bulance, and derived comfort from the thought that he weighed less than eighty kflos-his 'college wright,' as he described in I wondered if he was looking at lunar brockurs for his

phial, I wracked him closely for next stopping-point when his Mars-weight topped eighty Pigeon seemed relieved to be rid In the front office Waldo had a dreamy expension in his eyes. "If General Mining would not Pieten a floor credits for the rights to Pinspeine. I bet that United Chemicals would offer double." I midded. We discussed it no fir-

ther. As Discouls amortised as within men are all of the same religion. And pray, what is that? Semible men never tell. Subattinte 'fa

views' for 'mligion' them, and you have no attitude exactly. The sext time Poter Peters showed up at the office I was on my own. Waldo had gone off for a and I had not asked for details. Pinton sat down with the nest movements of a man who spent most of his life mude a three by four motor domicibile—the standard house

mobile lab/explorer vehicle of the Mars rangers. He took a small inof white crystals from his lacket

"Version two," he said. "Punfied, see times as newerful per eram. Take this for your safe and give me the other one back-I need

I heditated and he misundenteed my reluctance. "Oh, it's as safe as carnetances, perfectly neutral. See here." He unscrewed the top of the

you could synthesize it. But wire iar. Bried his fixory fin, disperd in in the white newder and stuck it in his mouth. He grinned happily as I "Perfectly safe. Want a lick? it doesn't taste of much," he mounted

me: "Seet of yeasty and a bit sweet." I declined the offer and west rebecoming through to the inner office. I closed the door-so Pinner wouldn't see the non-resistant

utte-and opened the cushount to get the phial. Would it still be thow? Thank heaven, it was, just where I had left in Probanc I had misjadged Waldo's meeting Feel-ing much happier I placed the jar of crystal Pinneite is the cushound and gave his obial back to Pinton. I or down again behind the desk

Please sermed in no hurry and in a chatty mood, and I wanted certain

"Occurs naturally on Mary?" besaid, repeating my operation, "Yes, in crude form Now that's not surprising—Mars hav a different prological history from Earth, so we exect some different compounds. Personne's an isomeric hydrocarbon fluorocarbon. form

mg as discound is a form of carbon. created under special conditions in the history of the planet." "You mean you could make Pm-

maint from other things, the way "Sure-if you know the chemical structure and were smart crossed.

herber? There's piency been on Mars if you've smart enough to know where to look and what to look for." He preced himself "You see, the thing that makes Pintovite so powerful is just an arrayal bysed spring, with a catch on it. Un-

in the arriver is released. The acin the spring is released. The cret's in the chemical structure. "And that can be found by measumment?"

"Sure. Any nar of the mill lab could do it. That's why I wanted to have it here, whose it's safe, and not where the industrial especiage box could lay their hands on it." His simple trust in the legal pro-

fession was touching. My suspiclose show he was a fittle cracked GALAXY were growing. As he left, those suspicions were given a strong boost by our neighbor along the consider. She was a souncish, talks two mather of there with a husban who worked the day shift ounside the dones in the open-field agricul-tural area. According to Waldo, she

functed me-by comparison, I suppose-but I had so the survived with my boson intact

As Peter Pinton departed she came along the confider and looked into the office. Her hair had so many curions in it that she seemed

to be wearing an elaborate bronze headrices. "What's old Pere been doing in

here?" she inquired. "I haven't sten him for a year or rain."

"Legal matters, Mrs. son-I can't beway a client's confidences, was know. Where did you

mest Mr. Piopos" "Ob. rec and him had a thing extine for a while. Never are too serious, though. He was always too busy during the day-not like you

awyers." She presed and eyed me eculatively for a few moments Garabil Arctimed the west on Anyway. I got a bit field of him after a while. He was always going

wonder they all called him Looney She terned her head back alone the comidor, severing the full

splendor of her ormely beimes, and obsested a snappy reply to a child's cuestion. Thro the smiled at me all corded them with a slight sir of dis-

luringly. "I'm just going to have a cup of coffee and a little something to so with it. Mr. Carver, Perhaps you'd like to join me?"

As she raised her placked eyebrows inquiringly, Waldo's familiar figure loomed over her shoulder. I looked at him with relief. She were him a savage glass and then dissopeared down the confider. Waldo

was in excellent spirits. I worskied and what he'd been up to. Well, regardiess of that I had work of my find the right place to belo me. But I wast admit that I didn't feel comformed by our lady neighbor's report on our client, Mr. Peter Pinton.

Neither Waldo nor I were particularly afarmed at first when the Thursis Cits police arrived. Our licenses were in good shape, and our credennecessite. As the only two lawyers on the planet, we had framed the

Police Investigator Lestrade had with him a saturning, dark-hurred man from General Mining, a double for Bela Lugosi in the classic rendered to us as Test Supervisor

Kozsk Like most Martians, they seemed numbed by what Walds and I arts. ally did for a fivine. We excluded our activities and they dutifully rebelief. After the general introductions Lestrade cleared his threet, scratched his thinning pate, and got

scratched his finning pair, and got down to biasiness.

"Yesterday, Mr. Peter Pinton gave a demonstration of a powerful new contourer to General Minute.

Mr. Kozak supervised the test," Lestrade spoke very slowly, picking his words with care. "Now, we would like you to tell us all that

you know about that explosive. Pintonite:

He stopped. We waited. No more work carre. areasynthy be wan

dore I was puzzled by his accounting dore I was puzzled by his accounting that are and wondered again if Washa had been up to semething. "I think there may be a mission derivateding," I finally replied.

"We know very field. We'm not prologists or chemists, you know You want to talk to Peter Pieton homelf... he's the count."

"You can mk him," said Lestrade merosely He placed a silver box on the dook, about he same size and shape as a portable connexecutor. I looked at in for the sent/seccive bitton but couldn't see it. I looked quanticingly at Lestrade, who pressed a conto on the

side of the box. The top opened to reveal a layer of grey powder inside.

"There's Poter Pinson, all there is of him." Lestrade looked at the box with a certain muchbe satisfaction.
"When he braught in his realogies."

odairKonak inskand on a controlled dimemoration They par Briton muck
d gai a sailed metal task to set up the ust
and watched from coatische. Paten
haten
was half right, you might say—mit
ang spinnare anybody has ever seen.
Eur Briton habet total anybody the
cleang, better seen to the seen anybody the
cleang to see a see to see to see to see
a see to see to see to see to see to see
to see to see to see to see to see

The property of the seen anybody the
terminal formula for it. Mir. Kozak
see came to see to see the explosion

ing we went over to see Polly—"
"—his parrot," Waldo interjected, seeding meetingently.
"—Polly Paston, his ca-wife,

"—Polly Pinton, his cx-wife, good living in Chryse Dorne," Leatradic word on the servaturezed Waldo closely, as though mensuly measuring him for a stratjacket. "She told as that Provos bud left a

sample of the explosive with Henry
ac Carver and Waldo Bumeloster,
ton Lawyen, at this widers, "
I tighted So much for a deal with
asUnited Chemicals I looked at
age Waldo He shringged and went into
much beach seem to new the Passorius
the back neom to new the Passorius

After helf a minute of barging a ground in the capboard he was

back, pole and sweating

"Henry, it's not there "He sigmailed his next recognic with his

it "What have you done with it.
Henry?"
I was shocked "It must be there,
Waldo, I was it use venerals. Let

with a certain mucabre satisfaction. Wildo, I saw it just yesterday. Let
"When be brought in his explosive, me take a look."
with his claim that it was superownerful and completely safe, Me. did a lightning but through search

of the cupboard. No jar of white crystals, not a sign of it. "Henry for God's sake don't play games," whispered Waldo from just behind me. "Tell them what you did with it, we con't do any deals now."

surred back to him. "What do you mean, play games? Aren't you the one who took it to United

He shook his head. "I was supposed to meet them yearn tomor-

row, with a sample." We looked at each other in dis-

may and superformen. Finally we went back into the outer office and faced Lestrade. He took the news that the Plasseite was gone with no enction. It seemed almost as though he had expected something

like that. He needed slowly. "We'll have to do a deep probe to get information on this. Who was here when Peter Pisson benught that

explosive in and discussed storing it with was?" "I was," Waldo reluctantly vol-

"And were you present. Carver?" ssked Lestrade: "Only at the very end of the

meeting." Thank heaven for literal truth, and for the legal definition of person-'Rooks Mr. Burnewere, von'll have to come with us. This exacts

nation will take a few hours." The same was over all right. But think heaven, too, for my own foresight. I took out my waller with

a sigh and removed a slip of paper "I don't think that will be accessary. Mr. Lestrade This contains the chemical analysis of a Pirronite sample, performed just a few days MO. I bonded it to him Walde looked tike a man reprieved at the eleventh

hour-psychoprobes were tough stuff and a few people same out of them with their brains permanently scrambled. Korak least on the poper with a cry of say and read it while we watched After a few seconds of inspection

he began to turn into a varreige. His meth curied back from his upper figand a deep sourt came from him He seemed all set to less and suck blood "Mr. Carver," he finally said in

analysis done. I suppose you are willing to tell us what type of analysis was performed?" New I was really confused Well, of course I am. I usked them to do the most final and corn. plete one that they could. I forget

An ultimate analysis?"

Yes, that's it exactly."

"You scientific illinerate." he creamed at once. "You great baboon." My information didn't seem to have offensed him. "An whenever

chemical analysis gives the fired chemical composition in terms of the prepensage of each element. It

doorn't still you a thing about the chemical sovernee." He waved the paper in the air, literally granking his teeth as he did so. 1'd never cocountend that he form outside the holodomias. "This just gives the instant of cushen, hydrogen, oxygan and fluorine. I could no more nake Princetic from this information than I could make your finest here..." He glowcord at Walde.

here—" He glowered at Waldo.
"—from a barrel of land and a sack
of flour."

An sefortstate example, I felt,
and safe uncalled for. They drap-

ged poor Waldo away to his fate I hoped he'd be back again, stract, in a few house What on Earth—what on Mars—had gone wrong? I was were Waldo had told me the truth—so where was the Pintentie?

I wateleted around the office, tooking everywhere I used think of for the risising jar. No sign. I pitched up the uselies chemical analysis poper—up turney cueland looked at it saffy. Then I crumpled it isste a half and went through to the inner office to these it isste to what and went through to the inner office to these it isste the many the control of the cont

It store trans.

I opened the lid of the trach can—and froze. Sublinity, I understood exactly what had happened to the Pictoritie. It had never occurred to me to tell Walde that Pictoritie or net to tell Walde that Pictoritie. The store had switched the phinal of liquid for a jut of crystaffine Pintonitie. Walde had been looking for the piral, while I'll looked for the jurn Now I'ld found at Empty. Walde, in his insure had for watername.

had used three ounces of Pintonite to sugar his coffee. "Yeasty and sweet." Pinton had said. When events call for it I can be a

mon of action. In less than ten min. ster I had made reservations for Waldo and myself, immediate departure for Deimos. It was time that Burmouser and Curver found now business offices. I'd write and tall the Tharris City police all about mon events, but I'd much rather do from off-planet. I had a clear mental pecture of three ounces of Photonite going into and through Waldo Thursis City had, as I realled, more than thirty thousand meters of sewage pipes beneath it. I ould voundage a thin layer of Pintonic spread through every bit Power Penton had said that it was

perfectly safe, but his reposition as a reliable authority has directable authority has directable considerably in the past five hours. If the Thanks City planshing arrangements happened to have the right construences to set it off, in might not be the biggest explosion in the history of Mens, but it would containly be the most diagnating. I said down to wait impainting. I said down to wait impainting the Waldo's Pattern On Second

for Waldo's return On second thoughs, I called and modified our agance travel reservations I deb's know how long it took Pinnonine on pass completely through the human alimentary canal. Separate flights If Waldo was about on fulfill my old warning and fistelly, lineally, caplode, I would rather not particulate in the cases.





It the first place, white most of them had been reported radies,

It's in time to save the world. So why will our children curse our memory?

The finisin people came to AAAS quiety ready to spring their bond-hell to ogt their, green some breits, they'd have a mactor droign by 1990 or so, and oght your after that we could have on-fine power. Then, when the increabile question was asked about the author) tools to the could be the could be to the too they would spring 1995 in a torget date for having a weaksile reactor designs, given (1) along

a target date for having a workshie received religing, given (1) Ann necesy, and (2) a few her of rather probable lack. They were, justificable, proposed to do a hot of presentable lack they have any spectrum of the presentable of the probability of the probab

since time one of all of about the same time. Unliferissuely the popule who ready in riske the emission-were ready in riske the emission-wave ready in riske the emission-like time that the property of the labs at Los Alamos, Princenn. Livermore, Sanka were suddenly confined with the need to phase out, stretch out, and growthy's low liver, server, the risk and growthy to live out, stretch out, and growthy to live out, stretch out, and growthy's low.

off staff. That \$80 million was cut from the Ford budget which they thought was already \$50 million too

Instead of quiet price, we had gloom and despor "This country has no national commitment to fusuon power." such one. "At the level of funding indicated by the new budget, we will stay with research former, we will never have a octor," says another. "We'll have to lay off people who have devoted their professional lives to fusion rescarch" says a third. All unfortunately true. So the top people were back in Washington, pleading with Carter's budgeters, and trying to ofin the word to Conomis that this wasn't miniming fat, it wasn't even alleing muscle, it was amounted of bone and since. As I write this there's vague hope that Congress

cost; but a deport look as at they? I sected to see the section of the section of

will meters or least next of those

Hardly confidence inspiring.

But the 's all changed Now they can still you exactly what they wan, what pieces of hardware they seed, what exercises must be per-

formed and how much they'll cost. They've get a handle on the problem. For example in magnetic confinement the critical figure of meniis the product of time and density and temperature. Two years ago hey were at perhaps one percent of the figure needed. Now they're as Juli. One mere posit and they much scientific becakerer, that is, the machine, will merche more enter-

than was put in.

The was put in the far less than 100% efficient, than's still a long way from positical power. But once scientific break-own is adhieved the risk as a congression,—and it's the engineering the has been out. Caster's budget fands level of-effort research, and has nothing for new originates, expansion, new originates, expansion, new

Unfortunately, that's not all my gloomy news. The Shattle: Carter's strends out

out on the Mejaver, the intender Highin of the Stuttle (Carnoni: Start Highin of the Start H

n nancially it couldn't matter less.

Fusion and space. Chesp, reliable energy, and access to eight new planets, thirty-four moote, and a million auterods. Power and raw materials. We have it to our power

to give those to our clidden. Possibly to erjoy their beaefits within our own bideisme, but certainly to give them to our children, and as The said mpeacedly in previous columns ("Survival with Style," "Biagents for Survival," "That Back Regues Suff!") once we have plenty of energy and easy access to energe, the repolitions of market for

solved. Well, not really I don't pretend three won't be problems, I write about them is my steries. But the fear of starvation, environmental pollution, mass powersy—will become a memery. And that, I say, is worth handing on.

and felay of the first Shattle flight. The given one picture of the fustancia as I write this. Meanwhile, hare in previous columns. For out on the Mejave, the unknown another, livis look as something also flights of the Shattle (Cantoux Shattle mounted on back of 747. One-ing.

The bible of the Appropriate

Texthology movement in E. F.

Schurmscher's Swell Is Broadyn

Economics of Propie Mastered. I have

to the Economics of Propie Mastered.

I have no the second of the State of the State

The I some I come across some outrageous

statement such as "Statistics never

the propie supplying" (page 20), my

to some Applying" (page 20), my

to some Applying State of the Applying State

The some Apply State of the Applying State

The Sta

against his concepts as I thought I understood them. As Joe Couns (Office of Technology Assessment) said, "Who can be in favor of inappropriate technology!"

The control of the co

jumes extraorgy: in their lives;
I go series of that The first perlip of series of this The first perfects; showing upferee presented
as of it were brazily. For some resone photographs of privits desired
as of it were brazily. For some resone photographs (or privits desired
as of it were brazily. For some restion photographs (or privits) the series
\$15000 Swedish gitness that more or
less settermically composit the smill
right in your better (provided you
don't have not lengt a family) but
the kind any wife and I expensesed
in our childhood. The kind with the
croscrate cut in the door and a Seass
cutalyage hardy in case you not seen

TWO DIF POCKSY
BOOKS

CONTROL OF

CONTROL

weeks," we were told. "Of course you can run into problems with city of promisings of public health, so a most of these are in rural seens." My reaction was that I hoped to do die city Department of Health would give any of my neighbors in who itsuited an OOT set merely

There were wine was convention to that this was a Good Thing be cause it recycled and seved energy and like that Most of the audernoop prodominantly middle-class youth as entrapendo as if in charch worder if they, at my age, was careful to the control of the co

not see they very well designed Another speaker told of how Appropriate Technology changes your head. When the wind comes charged up, and you've got work to do, why, you get up and do it Don't waite that wind energy, becase the windrall can't really power things at your convenience,

so you must adapt vourself so the convenience of the earth. all in the same year. Appropriate Technology, it seems, is not for the developing nations alone (if at all)

it's for us. So just white is it? Accosting to the Fact Sheet personed by the National Center for Assertprise Technology, the characteristics are these: "(1) small scale. (2) decentralized. (3) sample so undentard and operate, (4) coologicelly sound, and (5) labor intensive." Now who can be against

Well, to begin with, I don't know what "ecologically sound" meanshave beent prople say that are permanent change in the coolingy in avil: does that include Kansas wheat and Japanese rice, peither of which is "notice)"? But leave that, and man to print four. "labor more, sive." That is not merely a neces-

sery cvil. It is the heart of the AP expetters. Given the choice they'll take hard labor over machinery over time I call to conference one of their displays a bicycle seat with pedals asserted to a chain that can

a-wheat grinder. You can sit and knead bread with the hands while numero away on the bicycle to arted the wheat with your own muscle power. In case you missed the point, there was a film strip showing how the bucycle west 585tem could be attached to small

plows, dragging them through the dist; to pump water, etc., etc. Now as an advance over the mor-

tar and pestic, a lea-powered crark system is great, but blind donkeys walking circles to turn the unter on the nother millistone would be a hell of a lot less dall (for us; no one consults the dorkey). In fact, on seeing that particular vision of the it. Sene people mean that to be that future-Larry Niven had a suggestion. I should, he said, put on tackboots and revolver, and carry a white we would then find a persisman of the black persuasion and deres him in rues and have him six on the becycle seat to gived our

bread. It should, Larry mosed. make a good photograph. A recture of the future I can't exceed, except for details. The nerson seated on the burycle sex might not be black, and might not be male the nerves with white might not be white or male, but if grinding one's com to make one's beesd requires that kind of labor. then slavery is not far away. "In the canat of thy face shall thou can bread". And markind has been to-

the to get someone che to do the

sweating ever since, and eather successfully at that. As a lank, As a way, harm a Mother Earth, Well, as something clock, label entensive letherhology is all very well; but as a entencontrol of the state of the control of the c

...

All right we've had our leigh in some silly people, extremites with a sprakling of opportunities. Now let's get serious. Surely, Pournelle, you can't be against conservational Surely the AP movement, shown of the more rifficulous aspects (and any yow of 186, cannot to the custome, can be made to look reductione) has room marie? Surely the idea in

sound? I used to think so. I'm not sure I do any longer. The more I fisten to the proponents of AP, the more I understand what they're saving, the more I designer. Look why shouldn't we have beared swimming pools? What's wrong with big. confortable, fast automobiles? Why is it evil to have theoremen Tashlights, efectric can openers, warm brases in winter, sir confli course, luxury foods, electro typewners, plantic models. Fiberples within with During sails, much at computers, my own posted scale here in my office so I don't have

They use up irreplaceable remarges. Well, give me sufficient energy and I'll recycle most of those Give me access to space and I'll bring you more resources than ever you decarmed of And don't

think I can't do that

They use up resources that should
go to the world's past. Well, give
me sufficient energy and access to
space and I'll make the whole world
rich—and still have plenty left over

rich—and still have plonty left over for what I wan!

At this point the debate conce.
The issual parting remark it, "I wouldn't expect you to understand." In other words, at bottom the real enthusiast of "Appro-

sated in other words, at outsine the real enhances of "Appropriate" Technology are metivated by religious, by the work with, by the remains them of Westorn (and Eastern) philosophy that says, "Life should be hard." In the sweat of thy face shall thor on bread Price goods before a fail. Doon and call-couple await the complaces.

gin yothn with Diente sails, peck the creption, my own pound saids the creption, my own pound saids the most the Parable of the Exter is my office so I don't have lean. Meanwhite, when't swrang as po down in the Parab Office with me AP movement is that in left myrifal conversainces, year does not myrifal conversainces, year observation, of this marveluus modern civilization.

The convertible of the conversaince of small-scale, personally conversaince of the conversaince of small-scale, personally convertible of the conve

any large-scale systematic solutions to the trialy overwhalming problems facing our world. AP says we can get out of our box through putting beer cans on our roofs, building wasdralls and priving, naming wine vats into bathabs, expecting less, making do with less, and thus sem-

vais into bathrabs, expecting less, making do with less, and thus som ply afte's so, nor is it puriouslarly destrable.

In my last column I salked about one of waste resources. Does any

one seriously imagine that will core about through everyone's individual efforts? That private will do the job? Just how appropriate in Appropriate Technology? Would the world really be better off if, instead of trying to keep up with the litterture, and writing, I were to fork my own marriers, grow my own segmibles, engage in infort-incurive as-

Undented Pre-nothing sesion developing ways that let everyone contribute to our social order, and I've to illusions about one unfortunate side-effect of our technological to that it makes more and more people helpion, unable to find meaningful work, makes them feel useless; to the extent that the AP movement alleviates that, solended But I do yours our that many of our large-city stublems could be much reduced if peerele would make such minimum contributions as picking so trash where they find it, raming the lids on garbage cars, not litterine and the like-some of which

a Good Thing—but it discourages take the sustained and decay effort any large-scale systematic solutions required to great one's own wheat to the traty overwhalming problems and bake one's own bread

...

Two pictures of the future the bicycle-podal wheat grinder with lowered thermostat, or unlimited energy and nearly boundless wealth. Let's leave the decay picture and

look at the other one.

There was at the AAAS meeting a symposium on the future of the hand calculates. The predicted developments weren't stanfling, and won't be to anyone who's road The More In Golf & Ewe, but the time.

scale and prices were.

The limiting factor in costs of hand-half computers is the hand-scale computers in the hand-scale computers in the hand-scale scale in step in step in step in step in the limiting factor in step is step in the limiting factor in step in step in the limiting factor in the li

wach if there were any reason to be so—and if we could offeroministrates our eyes and fingers so that we could use the foot thing. Within five years the most elaborate calculation processity on the masket will sell for fifty backs or less. Within about the same time specticy! It be able to put the Rubber Benefitied, Fifty CRE (Reds) or its Benefitied, Fifty CRE (Reds) or

white about the state time span they'll be able to put the Rubber Handbook (The CRC Handbook of Chemistry and Physics, twelve pounds of titus print) site a memory unit connectable to a pocket calculator and stuff pocket-sized. In our a lost name time they could not the full capabilities of one of those Altais reico-computers into hand-held calculater. If there was a market for a million units, the cost would be under fifty delians. They could aircady build the best of the micro-corregulers into a box no legger than its keybourd and read-out

One reason all this hasn't heppened is market potential how many people want or need a fullcapability programmable general-

capaniny progrationable generalparpase conguler? All of us, I'd say, but Il requires seen changes in our educational glafotophy. For example, what is the value of knowing the times subtle? Why should see the time to add up large estimates of mattern? Well, you might one day be wifeten! your calculator Sefritance. It's good for the sool Dataston is actual to the sool Dataston is actual to the sool when the program of the sool of the sool of the sool of the sool.

winher:
As if nice of them do now. I get it to you that the cores who now learn what passiness are all about our learn what passiness are all about will learn it anyway; and those who never to learn out a feast the suggest of the core of clear, and a feast the suggest of the witteness, toor clerks, and driven, etc. When wes the last time to Godary nearer woul a log table? Took a oppuser foot by practil and paper. Middighted shows digit paper. Middighted shows digit league column of figures? Certainly I do nece calculations now then even

MOVING?

Not very surprisingly, if you are a Gelaxy subscriber chances are you tend to move around a lost, seeing new places, doing new things, hving in new homes. This is put fine, of couste, but from the rather specialized point of view of our Subscription Department if does

present a problem.
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So, if you're moving, please send a change-of-address card made out as shown above, to gether with an old subscription table, to:

> Galaxy Subscription Dept POB 2897 Boulder, CO 80302 Thank you!

I would if I had to so back to slide rules, and my work is the better for it. So is yours. Yet we are made to feel guilty because ... because what? Because making themes easier

is decedent? Nonsense. Beyond the pocket calculator is the implanted computer the box that you think at, giving you metant access to the answer to sev question you can think of (provided that the answer is known and stored, or calculable). How long to that? Larry and I ran 1990 Dr. Adam Rend in

the halls, and we had a nicesser chat. Reed is, you may recall, the enginens/psychologist at Rockefeller University who's working on

brain-computer interfaces. He still puts preliminary moults at about ten years' distance. He also reports new physiological evidence for the holographic model of the brain (For more details on that theory, we my previous column, "Here Corne the Brans," October, 1974 Golary.) Coupled with the truly remarkable advances in micro esteratorization achieved by Treaslessyuments, Hewlett-Packard, and other micro-chip manufacturers, the corrector in year head may well come within my lifetime, almost

certainly within yours.

So what else is new? Well. there's particle physics. Sub-nuclear physics is in a rather confessed state at the moment, what with quarks. our figes? There's at least as much potential in the new particle theories

flavors, colors, "glaces" (ves. I said that; a postulated particle that "elucs" centur quarks toorther) and every few months somebody finds a new anomaly that won't fit what physicists think they know. But there's some hope now: Chea Ning Yang, Albert Emsters Professor of Physics at the State Universets of New York, Sunsy Brook, confidently expects to have a unified field theory within his lifetime-if someone doesn't beat

The reason is simple: physicists now have some new equipment to play with. The big Fermi accelerator at Batavia, Elizoni an even more powerful beam accolorator in Europe; these and other multi-mogateck installations are powing out data, and some of it is finally beginning to fall into place. More and more often, physicists are able to predict what kind of squigsie they'll see in their bubble.

chumber after they send perticles

racing off around the big accelerator So what good is k? Well, as Helmholtz once said. 'The most practical thing in the world is a and theory." Does servere want to sever that lames Clock Marwell's elegant equations—now appropriate-ls emblazoned on t-shirts—dide't change the world? Or that the theoretical work of a Swiss patentoffice clerk hasn't had an effect on

GALAXY

tance Interactions between nuclear and electro-magnetic forces. As Franklin said of his discovery, what rise is a newborn baby?

But there's a hitch. The theoretscal advances in physics come largely from new hardware, new accelerators, equipment to let physi-

cists play with the busic building blocks of the universe, and that stuff is concasive Our last several Presidents gulped hard and came up with the mercy for Fermi-lab. Our every research item that won't have payoff in the next four years.

Space Telescope delayed. Mean-while, a search of the historical recoeds reveals the disturbing informa-tion that our Sun really as a variable star, and that we may live in a rather present period: that our climore might change, and since the present climate is about as favorable as has ever been in the history of the world, the change will likely be for the worse. Studying the Sun won't let us do anothing about due-but it will let us know what's

seamst.

There was a fee more, of course. Bart J. Bok, formerly of Harvard. has a good handle on how stars are been from "pre-proto-stary."

as over there was in e = mc2. namely built of cold gas called. Forces that don't decrease with disappropriately enough, Bok Glob sics a ereal deal about Mars from the Viking team, with fire more to come as the data are analyzed: a lone symposium on the right to die, a day on new information about the polar regions (they're cold); not much on recombinant DNA research, probably because

scientists are afraid to discuss it in public; a non-spectacular panel analyzing data from various "carly intervention" programs like Head Start and concluding that such things really do help, permanently, and show a significant accounts profit in reduced crime rates (and that was starting enough for me, Shottle delayed means Large since I've tended to look at such programs with jourdiced eye, and must now cethink my position) There was one moment of

murroh, when I saw the very large displays on jojobo research, and found that, to the bewilderment of these involved, the Congress, reacting to constituees letters, had practically freced money anto their bands. So for as I know, many if not most of those letters to the Construct came from Galaxy readers; I know happering, how long the changes will last, and what we're up of no other strong attempt to push the symbol bean

But there was nothing really specsacular in Derner. No screaming marches that I saw, although my wife found herself writessing some exclument among the educational psychologists. Then were no "e-wents" such as the meeting a few years ago when the war protestors and Free Speech Movement people whapped Senator Hubert Humphrey right smack in the mush with a ripe formato, or the filter when the Com-

nght smack in the mush with a ripe terrato, or the time when the Committee Against Racism saw to it that Professor Page and others were not allowed to present their pagers. Little? Come saws from Dismort

with the ferment of excitement that I experienced in previous meetings, instead, I kept thinking of that Lincoln quete I opened with. "We shall nobly save or menty lose the last best home of Earth."

We retaily are as such a crosswood. Pass generation in Messond—or cursed—with the ability so make as four-baseneral as alteration in human history as ever was made by the of aternals, the use of fire For the cast of a couple of Apollo pograss, persays really, we could give all maskind for all time to corre besudiess energy, energy to wrate, energy for humans, access to wrate, energy for humans, access to accounting to the present the foreign accounting to the present the present accounting to the present the access to accounting the present accounting to the present access to accounting the present accounting to accounting the present accounting the accounting accounting accounting accounting accounting accounting accountin

CORDINITY on names one thousand of forces of names.

We really could. But—we have no national commitment to do so. We have no national commitment to do so will be a present we really do seem it a quanties, smalle to make a baist choice between Appropriate Technology and all size of the present of the pres

once and for all and physiological

wage:

Not we cannot "solve" all human problems. We may indeed be opening wider Pandon's box.

There is no certainty that the scientific dijns well not nor on us. Alternatively, there is obsolute certainty that without the dijns most of the world faces starvation and powers, and we will have to patter to a certain that well have to patter to a certain that the certa

way of life that may well include the bacycle-pedal wheat grinder personing we have the capability even to manufacture shore, after the crusch.

In the past I've critical these annual reports on the state of the sci-

sual reports on the state of the remons "This Energation of Worder," and "Mon's Fearer, Projeness Magnificent," and I've Projeness Magnificent," and I've Prosense of the worded 1 feet, I will could do that this year; he I can't. The prognosis could be magnificent, but it is all too clear that note of those marvels with happen auterialnally. They're jiss too expensive. Maybe when it's some regime time Maybe when it's some regime time

symm engines will appear, but you cannot say that about Spec Shri-ties, and fusion reaction, and Largot Spec Telesoppes, and accordance. And spec it's no small thing, to know that will be in a parentle that could, if we would, make an appear a constraint on to human history as ever any did; that we could be pant of wornthing as important as the harmassing of fice and the discount of the wheel.

Frank Herbert THE DOSADI EXPERIMENT



What is Desad?

Sobotear Entraordinary Jory X.

McKle trave across this question after
respons binnell on the planet of that

Melie knows that Dused's improposed relibors ore anded away from the rest of the ConSentine substrate by on englobing barner under the control of a Californ. The Calebars are visible as store in his

the control of a Californ. The Calchers are visible as story in his serierze. They promite the CanScattercy with jumplaces timed which one can walk to one and place which one can walk to one any place places: They one a "script repairer" and pame bellion them a manifestation timber to the Tapenius.

twices thind-to-stand communication stream the purpose. Other things McKir knows: That the matter of Danadi (those matched the barrier 'God Walf' or those twists' will destroy the almost and all twists' will destroy the almost and all

of he inhabitum; some unless he can solve the undefined problem of this place. He knows that Droude is a terrible valuing ground for the recognition of and use of power. But this planes's and use of power. But this planes's

Generalist Frog Popule for whom tribing admost to extinctions as a material order.

And there is always consulting beyond McKin's knowledge, some asher mystery about Dassell which eludes that even after he learns that could

con exchange old bodies for new on this planes.

One of McKit's foreunst problems in Kitle Jedrik, a Hamon female on Dosade, a new wartond bond and troked to free her planes from its secret imprisonment. Jedrik mes mental wardonn models of all those mental wardonn models of all those she seeks to compel, including those unknown to her who imprises Deseath. She reads these latter forces through their actions.

Jadrik has suken McKite as her hover hat with multiple and professelly Donald incree. She uses him far mosty things while leaching how, even teaching McKite about lessell. Through Judrik, he sees how the Gowatchin could groom him for this role because he was errestroadly

flawed, and as Jednik shows han the cald relaxionship between two perons; who arres her, McKee learns that on Bosadi line to a moons of controlling subsets. To be independent here, you record no line. Another cald class shout in shout in

Petarky, an aged Geweckin Jedek kaeps in a cape which Petarky bill. The cage glows and kurss with stronge

Donah has only two sentere species; Generalise and Human, They are descended from a memory-erosed psystation which reductived for a language psychological experiment. The descendants, sucreasingly exhibited in memory-enters, have the 5's.

pagping in a constrond bell Describt, plants and animals are potential to both species unless raised in hydrogenic involution better the granded wells of their one city, Chu. All animal the city, the people of the Rom line also, violent lives in a security of the entry tops the relative to the committee for entry tops the relative.

m purity of Chit.

McKle arrives at the beginning of a in the control of the beginning of a inter-way, met has wing that Jedwin against this bestin of extinction because all of this certified, then the ensisters of McKle the key to the Gad Well.

But McKle who is on agent of the Cantifermon's Barras of Schotant.

or embadamentille minutes which her consuming a book, a knife and a nick-combols of Greather Law and learned obest Dosaff's cristence, that reminders that any person using this that if it a Greachin crime McKie was the logical choice to usek

our Branch's Investor St. And developed a relationship with a Calches colling herself Farmer May. and he is the only living non-Garachie admitted to practice vader Generales Law, Generalist

distract low teres their even saying it injures societies. They look flow for year to disarm or remove few when eroblem settle. Above all Gamachin district one community preferrings carecially professionals. The alternate are of

with a concernations application of Assignment of McKir to the Dunedt problem was made by his bureau chief. Address, a PanSpechi, whose species cen ope Human form but passes one

ego from person to serson within a Decementer enchedemb As his first more, McKor accepts a symmons to the Generality home alone of Tandaloss, place of their mythological progenitor, Mrrcg. In

Greather meth. Mercy was a manufer who remed the first primarie Frag Peach ofward to entreated, solving the petern of their despet impace. On Tambolour, McKle much Acieh High Magiver of the most neurofal Governie Phylam, and a deadly

being trained as a Legum. If McKie Gends Cerlang, he risks vendens with the mounte exceeded family which her sacricy creates through mornel escharges. McKie is forced to become Antah's

Leron, ocception the Philam's socre-

legal structure may forfeit his life. Sent to Dough by Artich's penale, McEle coon leaves that he comes lower the planet in this existing badeleads. This is part of the Calchen contract. Rat McKir Is revolte concerned with immediate survival as Jodek wary him first in one task and then another to help her war grainst

the Douad Gowachin. Opposing Jodnik is she planet's drawingst worked, the Elector Brace, a the Calches of the God Wall. Benery Annex came things about McKle. George has Law to so distrobe add how considers the Bullah areas on idea renant, a weapons expen from beyond the harrier. This is portly because

fedok's faces have taken McKyr's applicated Balish respect and improved upon them for the book. Among Brocy's sides are two Humans, the Warland Ger and Ger's daughter, True, who pint to hall! another city on Dough in Arbonic of their religious mandate. To keep their plear in the raling council, Gor has

crowled the plat is Brock, who arrive in the forc of a growing contains about 'the God of the Wall,' to find One of Brace's socie is a Haman named Marry, a person from broad the God Wall whom Jedrik indeed "too Green!" to not us a key to the Calches berrier.

Gor and Tris how developed a cutoide fance of the Fire horn which through Jodek's manoportur, in confined to an antimable complex between the fance of total and Beser. Tria sery her impasse and, with Gor, subsect to concare by Jednik.

A Despot resulting Media, ventring, befork in interrogation of few and Trin. realizes that Trin was consisted by a Parkyroth Media frame fair to result that Trin is not his natural doughts. What he favour her so estudiant arrestice child for not on the Rin. relief her as his own. This support of the Dasadi Experiment expusses for McKie models of Articles in the 18th.

steam concover of Arthile's lists; the Kim is not outside the experiment, but exceeded to it.

How many other less did Arthile lists, 'The High Magaster and the Dissorb were 'monstrose,' but Maker admires their strengths, agreeing that the Discoil may well take over the

Descal may well take over the Conference of relating from the Conference of relating from the place of Arith has said Dasigli was most oversey to reaso a population relating to the reflectly imposed from allows in old reflectly imposed from allows an obtrapt to reade Gorenchin East the position for all Conference East. Media: beginning to the position of the Conference East. Media: beginning to the has been research as a second part to the Dasids pane, but the Gowerlist are no allowed principles. But the Gowerlist are no allowed principles.

stringery.

Jodelli, demonstrating to Gar and

Dria Bhat Miklie resulty is the

Personant, made him tore danger on

color a hastle problem at one of the

Groupshaw with territolities range, on his

gradus, and his resulting to the

Groupshaw with territolities range, on his

gradus, a proving demonst as a Legum.

Miklie forces the explore to result that

cely sixty hours remain before Double is destroyed, that "Mrreg uses me to get ear people out of here." Another prisoner is Heavy, who create that Poherky is intended to trougher McKie's identity into McKie, going her bolt and Liefth into McKie, going her the perfect dispuse for escoping from Douald. However, McKie recognites something else—that a Critison kooks out through Henry's cres. Sending a message through that Calebon, McKie warm Article to adhere to the madizional refolkments petices Legun

and Client lest all Goweckin be targets for externinglism. Makie, his mind threading through

Makii, his mind threading through the ingers within layers of the Denadt problem, returns to Jeelel and given her the customid device for streethelming Broeye use the fannish afford by Gar and Trus to supeck the Garaction gradie, tereding posts, juddit firm such word of this behas to Broey, when with McKiir to go back to their receive with her, that IV the other thair streethelm. McKiir obeys wanterins. In It to be shot extraord

wandering Is it to be body exchange? Back on Tembelsor. Crying his been weaching simulations and seasol name of McKie's performence on Donale. She tells Artick: "Sometimes I think those Donale play as the offerminimum.".

Article: "Of course! That's who we donale." "Of course! That's who we

sent them McKie."

Genetic or other He extension for the powerful poses a similar freest to a settlent special can that found historically in the desentance of a self-special processory of the desentance of a self-special processor of the self-special processor of more power with down to the block of the self-special process (the self-special process) that the self-special process into the self-special processor of the self-special processor processor of the self-special processor of the self-special

further and further owner from the

adaptive dereants of changed conditions. The leadarship grows avermore parancial, suspicious of inventive adaptations to change, fearfully protective of personal power and, in the terrified availables of what it sees

os risk, bladly leads its people into destruction —Bullots Manual

"Very well, I'll tell you what bothers me," Ceylang said "There are too many things about this problem that I fail to understand."

Front her sested position, she looked across a small mend grown a rather, who found gently in a my blee pool. His head at the pool's lap was adreot on a level with Crylang's. Again, they had worked late into the right. She untersmooth the reasons for this, the time pressures were quite apparent, but the seculist Growshim flower of her excess founds in the pressures.

training kept her in an almost comstart state of angry questioning. This whole thing was so un-

Wreavel
Crylang smoothed the robe over her long body. The robe was blue now, one step away from Legum black. Appropriately, these was blue all around how after walls, the floor.

the ceding, Arisch's pool
The High Magister costed his chin it
on the peed's edge to speak
"I require specific constants be-

"I requite specific questions before I can even hope to penetrate your pazzlement."
"With McKie defend or prose-

cute? The simulator"

"Dumn the simulator! Odds are that he'll make the matake of prosecuring Your own reasoning powers should ..."
"But if he doesn't!"
"Then selection of the indicial

pinel becomes vital."

Ceylang twisted her body to one side, feeling the chandeg adjust for

side, feeling the chainleg adjust for her comfort. As usual, Arich's answer only deepened her sense of uncertainty. She voiced that now.

uncertainty, the votcot that how.

"It continue to have this odd feeling that you intend me to play some mile which I'm not supposed to decore until the very last instant."

Arach becated actify through

by his mouth, spinshed water onto his by bead.

This all may be most. By this of time day after tomorrow, Doubli

s- "Then I will not advance to be Legam?"

She studied him, sensing irony,

"What a deficate line you walk,
High Magister."
"Hardly. My way is wide and
clear. You know the things I cannot
openfrague. I cannot better the

t. Law or my people."

"I have similar inhibitions. But this Douad! thing ... so tempt ing."

"So dingerous! Would a Wreave to fluman firsh to learn the Human condition? Would you permit a Human to penetrate Wreave society in fits.

"There are some who must conspire in this! There are even Gowarbin who ..." The opportunities for misuse are

countless "Yet you say that McKie already is most Gowachin than a Greenchin "

Aritch's webbed hands folded over the pool's edge. The claws ex-

"We risked much in training him

for this rask " More than you risk with me?" Aritch withfree his hands strend

at her, unblinking.

"So that's what bothers you "Precisely "

Think, Ceylang, how near the

one of Wreavolom you would permit me to come. Thus far and no father will we permit you."

"And McKie?" "May already have gone too far

hteree."

"I beed your warning, Artich. But I remain puzzled as to why the Calebara couldn't nervent

"They prefers not to understand the ego transfer. But who can understand a Calchan, let alone control one in a matter so delicate?

Even this one who created the God "h's removed that McKie under-

"He denies it." She rubbed her pocked left jowl.

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with probessile manufile. Selt the mony scars of her message through the Women trials Family to family

until it was a single gigantic family. Yet all were Werner This Donadi thing decreased a monstrous perody of Wreavedom Soll "So fascinating," she marmus

"That's in threat." "We should pray for the death of

"Duck yes. " Ohe was startled

What . . . " "This might not die with Dosadi Our second heard marries that was

will leave bore with this knowledge. Many Gowachin know of this

"And McKie." "Infections have a way of spread-

"M-Ka?"

ing," Artich said. "Remember that if this comes to the Court-areas."

There are some forms of insanity

which drives to on ultreate expense uce, can became the new models of

- British

It was the familiar Caleban eresence in his awareness, as thereth he beset and feb someone for some-

shing) which he knew was not The preparation had been deceprocks sample. He and Jestilk classed McKie did not have a ready idea-

hands, his right hand and her left, mente rods with the other hand



any fee this Casenas and worker, agreed, bowever, that he was deed McKie, shaping the thought subvocalized conversation. As popie, McKie was untitly aware fedrit beside him 5he was in that just another person row, carried a terrative simulation mo

THE DOSADI EXPERIME

You make menual agreems e Calchus asked McKse sensed Pcharky the

ent presence, the monitor experience it was as thou nity had been reduced to manic which the Calcton f od, a set of semplex rules ma which could not be translate.

this as though a

awakened within him, a sleeping monster who sat up full of anecy at being aroused thus, demanding: "Who is it that dates awaken

McKie felt his body trembling, feit ledrik wembling beside him The Calebay/Taprision trembling, the

sweaty response to trance! He saw these phenomena now in a dif-

fewest light. When you wolked at the other of this share. While these thoughts piesed

through his mind, he felt a slight shift, no more than the bluered reflection of something which was not

quite movement New, while he gill felt his own flesh around him. irretr contact with Jodnik's body and knew the shared this concriency.

Such a paric as he had not thought possible throatened to coursehelm him. He felt fodesk tryuse to break the contact, to stop this hideous sharing, but they were properties in the erm of a force

which would not be storped. No time sense attached itself to this experience, but a fatalistic calm overcase them almost simultaancesty. McKer felt assumences of Irdifk/firsh deepen. Curiosity domi-

nated him one So ober se weemen! This is man?

They shared the thoughts across an indistinct bridge

Pascination errored McKin probed deeper.

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broathing. And the differences! It was not the greitalia, the presence or lack of breasts. She felt bereft of broads. He felt acutely distressed by their presence, self-consciously aware of profound implications. The sense of difference went back he-

youd gamote McKie/Jedeik McKie sensed her thousles, her

Indek sexual him in the same WEV

Jedrik: "You cast your sperm open the stream of time McKin "You earlose and eur-

"I cast/i surces." It was an though they looked at

an object from opposite sides. aware belanedly that they both examined the same there "We cant'we nature."

Obscuring layers folded away and McKer found himself in Jadrik's mind, she in his. Their thoughts. The westrate Donale and ConSen-

tient experiences melted into a vinde relationship "Aritch . . . ah, yes. You see? And your ParSpechi friend, Billdoes. Note that. You suspected, but

now you know" Each set of expenences fed on the other, enpanding, refining . . . indensina, discardina, cerarina

So that's the training of a Legan. Lenante mercents? Abbb. yes, lov-

ing parents.

He/she could feel himselfthe "Tier will

there ... and there ... They must be maneuvered into choosing that ore as a judge. Yes, that will give us the required leverage. Let them break their own code."

And the randomed moneter stimed within them. It had no dimension.

no place, only existence. They felt

"I do what I do" The power enveloped them. No other awareness was necessarily They sensed a primal current, unswerving purpose, a force which could override any other thing in

their strivense. It was not God, not Life, not any particular species. It was something so far beyond such aniculations that Jodnic/McKie could not even contemplate it without a water that the next instant would

brits oblerration They felt a question haded at their united, fearful awareness. The cuestion was framed agreetly in arger, astoriohment, cold attese-

ercet and fress "For this you awaken ou?" Now, they understood why the old body and donor-ego had always been slain immediately. This iren-

ble sharing made a ... made a ross. It awakened a questioner They understood the question without words, knowing they could mover grasp the full meaning and emotive thrust, that it would been then out even to try. Anger . . as prishment cold amasemen

own united mind(s) interpreted in THE DOSADI EXPERIMENT

represented a limit. It was all that Jednik-McKie could accept The intrusive questioner receded

They were never quan pure afnemed whether they'd been expelled or whether they'd fled in terror. but the parting words were burned

no their combined awareress.

"Let the alonger along." They walked softly in their minds

then. They understood the warning but knew it could never be translevel in its follow threat for any other sentions being

Concurrent: McKiellodrik felt a

projection of terror from the God Wall Calchan, unfocused, arexplained. It was a new experience in the male-female collective memory. Calcium Fannie Mar had not even

projected this upon original McKie when she'd thought herself doorned Concurrent McKurifedrik felt 4

burnt-out-finding from Pcharky. Something in that terrible contact had plunged Poharky into his death spirul. Even as McKie/Jedrik se-It was a slammed door. But this came after a blazing realization by McKielledek that Pcharky had shaced the original decision to set

un the Dosadi experiment McKie found himself clothed in living, breathing flesh which routed its messages through his awareness. ... durat. The question as their He wosn't save which of their two bodies he possessed, but it was distract, separate. It wrapped birs in smell of perspiration and the omsingular Warren stork One hand hald cold matrix the other claused the hand of a fellow Human Perspicaron dreached this body, made the clasped hands slippery. He felt that knowing which hand held another hand was of aimest importance, but he wasn't ready to face

that knowledge. Awareness of self. the new self and a whole lifetime of new memories, demanded all of Focus A Rim city, never outside Jednik's control because she had fod

with exercisise care and become those who more the orders on the Rim had shared in the generations of selective breeding which had produced Jednik. She was a business cal weapon whose vote target was

the God Wall Focus: Lovine parrers can though their child into deadly peril when they know everything possible has been done to prepare that child for servival. The relative to McKie was that he

felt such things as personal "I did that " ledrik suffered the throps of simi-

for experiences Which hade?

So that was the training of a BuSah agent Clever almost adequate. Complex and full of much that she found to be new, but why did it always stop short of a full descinament? She reviewed the sessions with Arach and Ceylang A marched new The choice of Caulage and the role chosen for her appeared obvious. How insocered Jegrik felt herself free to nity Ceylang. When allowed to run its course, this was an interesting amotion. She had never before felt nity in uncolored purity

Focus McKie actually loved her. She second this emotion in its ConSentient complexity. The straight flow of selected emotions fascinoted her. They did not have to be in and out of this country ox-

change there wove an infimacy, a pure sessainty without inhibitions. McKie, savering the aminement offeth had felt when Trin had supposted a McKie/lednik broofing. found himself caught by demanding

mude emelicism and knew by the actuation that he retained his old Judya, understanding McKur's long worch for a female to com-

picte him, found her amsentest comparted to the dearer to demenstrate that completion. As she turned toward him, releasme the dull rot which had once

shimmend in contact with Pcharky. she found beneff in McKir's firsh looking into her own ears.

McKie gasped in the mirror ex-

Past as abruptly, driven by shock, they shifted back into familiar flesh:

McKie male, Jednik female, Instartly, it became a thing confere-back and forth. Employer was forgotten in this new game "We can be either sculpady at

It was scenething beyond Tap-risions or Calebans, far more subtlethan the crawling progression of a PasSpechi ego through the bodies from its critche. They knew the source of this odd

affe even as they sank back on the bod, corresp to be familiar stale and female for a time

This was a gift with burbs in it. screetling loving parenty might give their child in the knowledge that it was first for this lesson. Yet they fck revitalized, knowing they had

They were off the bod in an in-

for an instant tapped an energy source without limits. A pounding on the door interqueted this absent marrie

"Jedrik! Jodnk!" "What is it "It's Boses. He wishes so talk as McKie."

Maryl Jedrik elanced at McKie, knowing she had not one secret floor ties, that thry shared a meanning base. Out of the mutual understand-

"Does he say why?"

"lodeth " They both recognized the voice

". . It's midmorning and there is no sun. God has turned off the "Scaled us in" ". . . to conceal the final blast." Jadrik opened the door, con-fronted the frughtened pide "Where is Brocs?"

"Here ... in your command nest. He came alone without ex-She planned at McKie. "You will speak for us."

Brocy waited near the posits bound in the command post. Watchful Humans street within striking distance. He turned as McKie and ledelk awared. McKie recod that the Gowachen's body was, indeed, recovered Unserting for a

"What are your terms, McKie?" Bearing worse was servered full of heavy busiling McKie's features remained

Dougli-bland, but he thought Brock inks I'm responsible for the dock. ness We's terrified McKie planced at the theratering black of the windows before speak-

res. He knew this Gowachin from ledelk's pointsking study Brocy was a suphisticate, a collecter of sophistication who surrounded hitt-soll with received of the same stree-He was a professional sophisticas: who read everything through that

mained outside and inferror. He was an uffirmate Dorsall, a distillation, almost as Human is Gowachin because he'd obviously once ween a Human body. He was Gowachin as the opposite, though — no doubt of

"You followed my scent."

McKic said.

"Excellent" Broey brightened.

He had not expected a Decadi ca-

He had not expected a Dosadi excharge, pured to the non-emotional

"Unfortunately." McKie and.

"you have to position from which to negotiate. Certain things will be done. You will scouply willingly, your compliance will be forced, or

we will act without you."

It was a deliberate gooding on McKie's part, a choice of non-Doradi forms to abbreviate this confrontation. It said more than anything else that McKie came from beyond the God Wall, that the dark.

ness which held back the daylight was the least of his resources.

Broey hesitated, then
"So?"

The single word fell on the air

with counties implications: an entire exchange deceated, hoped dashed, a him of sudness at lost powers, and still with that sophismic caled reserve which was Boosy's signature. It was more subtle than a whirty, store powerful in its Dosada overtices that on entire necessitions

"Chestions" McKie asked

Brocy glanced at ledetk, obviously susprised by this It was asthough he appealed to her. They were both Dosadi, were they act? This outsider came here with his terms meaners, his lack of Dosadi,

gross marners, his lack of Dosadi understanding. How could one speak to such a one? He addressed handle.

"Have I not already stated my d. submession I carre alone, I ..." a. Jedrik picked up McKie's oue.

"There are certain peculiarities to our situation."
"Propularities?"

Brooks nictating membran bilinked once.

convey a slight embarassment
"Certain delicacies of the Dosadi
condition must be overlooked. We
are now, all of us, sheet suppli-

"Yes." He pointed upward.
"The mentally retarded ones. We set in danger then,"
It was not a question Brocy

he was not a question Heery peered upward, as though trying to peered shough the ceiling and intervening flaton. He drew in a drew

"Yes."

Again, it was compressed communication. Anyone who could put the God Wall there could cresh an entire planet. Therefore, Desaid and all of its inhabitants had been brought to a common subjection.

Only a Desaid could have accorted.

it this quickly without more questions and Boory was an ultimate Desait.

McKie turned to Jodnik. When he spoke, she anticipated every word, but she waited him out.

"Tell water records in stee all at-

"Tell your peopli tacks."

He faced Brony.
"And your people."

Booey looked from Jodnik to McKie, back to Jednik with a gwa-

McKie, hack to ledn't with a purzled expression openly on his face, but he obeyed "Which corresunicator?"

Where pain predominates, more can

be a valued teacher.
—Dosadi Aphorism

McKie and Judrik had no need to discass the decision. It was a cheese which they shared nod knew they shared invariant a memory-assection process now accurate to both of their. These was a loopshole in the God Wall and even though that will now blankered Douals in derlarges.

a Calchan contract was still a Calchan contract. The vital question was whether the Calchan of the God Wall would respond.

Index in McKin's body stood

guard outside her own room white a Jodrik fleshed. McKse went alone into the room to make the attempt. Who should be try to consect? Fannic Mar? The absolute draftness which enclosed Dosadi histed at an absolute withdrawal of the gradien Calchan. And there was so little

Calchan. And there was so little time.

McKie sat cross-legged on the floor of the room and tried to clear his mind. The constant strange dis-

mone of the room and their to expended the mind. The constant strange discoveries in the female body he converse in the female body he was interfered with consentration. The moment of exchange left an after a tembook which he doubted would ever diminish. They had but to share the desire for the change now and it is occurred. But this different

body abh, the moltiplicity of differences created its own coefsions. These went far beyond the official properties of the official weight. The resuches of his her arms and hips felt wrongly attached. The bodily somes were rosted through different unconcrision processes. Automy created its own patterns, in own indicated behavior. For

no own institutual behavior. For one thing, he found it necessary to develop consciously-monitored inovements which protected hisher breasts. The movements were remissions of those male adjustments by which he proveeted rigary to nesses. These were movements which a male learned early and relegand to an automatic behavior easiers. The noviblem is the ferrode-

by which he prevented figury to custus. These were movernents which a male learned early and religion to an automatic behavior pattern. The problem is the frontle body was that he had to rhort droot such behavior. And it went far he-youd the houselbests instruction.

As he titted to clear his straid for the Collection of the title.

clasters of memory intraded. It was meddesing. He needed to clear away bodily distractions, but this female body demanded his aftention in desperation, he hyperventilated and burned his awareness into a nineal focus whose dispers he knew only too well. This was

if the experience was prolonged. It produced a sufficient cluster, howcare, that he could fill his leavesress with memories of Farnie Mac-

He seased time's passage as Grown each heartheat were a blow. Fear hovered at the edge of the

It came to him that something had put a terrible fear isso the God

Wall Calchan McKie felt segre

"Calched You one mat" "McKus" The response was so farm that he

wordered whether it might be his hopes playing tricks on him "Fantie Mac"

That was stronger and he recparried the familiar Calchan necescroe in his awareness.

"I am McKie and you owe me a debt."

"If you are traly McKie... who are you so strange changed?" "I were atother hour." McKie was never size, but he

thought he serred universation Formie Mae responded meet strongly then I remove McKir from Douad now? Contract permits."
"I will share Dosadi's fate." "McKie!"

"Don't arrue with me. Faroic Mac I will share Decade's fate upless you remove another rode/ person with me."

He projected Jedrik's pattern then, an easy process since he shared all of her memories

"She were McKir's hock!" It was accusatory "She wear another body." McKie said. He knew the Calcher.

saw his new relationship with Jedrik. Everything depended now on the interpretation of the Calchen

"Jedrik to Donadi," the Calchan protested.

"So am I Dosadi ... sow." "But you are McKie!"

"And Jedrik is also McKie. Consact her if you don't believe me." He broke the correct with an angry abruptness, found hirnelf

sprawled on the floor, will twitching. Perspiration bathed the female hody which he still wore. The head erhod.

Would Fareur May do as he'd told her? He knew Jedrik was on capable of projecting his awareness

as he was of projecting hers. How would Funnic Mac interpret the Dosadi coegract? Girld The arbe in his head was a

huming thing. He felt also in Jednk's body, misseed. The pain perskind and he wondowd if he'd done impearable harm to Jedrik's brain

through that intense pineal focus. Slowly, he pushed himself upright, got to has feet. The Jednik legs felt weak hencuth him. He

legs felt weak beneath him. He thought of Johnk outside that does required for this mind-to-mind contact What was taking to long? Had the Calchan withdraw?

the Calebass withdrawn? Here we load? He started for the door but before he'd taken the second step, light blazed around him. For a fractional learnbeat he thought it was the final free to consorte Douads, but the light held steady. He glanced ground, found himself in the coan.

arouse, found hissoff in the open are it was a place he recognised transfellarly. The coursy and of the Day Bead conground on Tamelione the saw the familiar physim design on the strongering walls—gauge to the strongering walls—gauge There was the sound of water planking in the cowner pool. A group of Gowachin strond in an exchol error forcity should of him and he recognized one of his old trachers. Yes, this was a Dy Head states. These people had protected him, united limit into protected him, united limit into surior limit and protected him. suriord limit into suriord limit into suriord limit into suriord limit and suriord limit into suriord suriord

The Gowachin in the shadowed early were moving excludily into the courtyard, their attention centered on a figure sprawled near them. The figure stimed, set up. McKle recognized his own body

It was an interso metaol need. The body exchange required less than an exchint. McKe found termed in his own farrillar body, seased on cool tiles. The approaching Gowachin bombaded him with questions. "McKic, what is the?"

"You fell through a jumpdoor!"

"Are you hart?"
He waved the questions away, crossed his logs and fell into the long-call trance focused on that head in his storach. That head Biddoon had never executed him to

As it was grid to do, the Tapriane wanting on CC erfolded his prime wanting on CC erfolded his well. Bildoon, mode six calls thereigh the responsive Taprition. The calls went to key agrees in Biddsh, all of them completely loyal to the agency's mendate. He examented his Doualt inferention in full burnts, toling the technique of the complete of the completely described from the bound of the continuous control of the control of

There were few questions and those easily answered.

"The Calchen who holds Desadi imprisoned plays God. It's the letter

imprisoned plays God. It's the letter of the contract."
"Do the Calchars approve of

this?"

That question came from a particularly assure Wreave agent sensitive to the complications implicit in the fact that the Ocwachin were

Ledenk!

triving Ceylang, a Wicave female, as a Legam. "The concepts of approval or

disapproval are not applicable. The role was necessary for that Calchan to carry our the contract.

"It was a gente?"
The Weave agent was outraged
"Perhaps. There's one thing cor-

"Perhaps. There's one thing certain: the Calebans don't understand humful behavior and others as we understand them."

"We've always known that."
"But now we've really learned d

When he'd made the six calls, McKie sent his Taprinor quening for Aritch, found the High Maginer in the Russing Phylam's conformac

peol "Greetings, Client "

McKie projected wry unsucment He streed the Gownehin's shock. "There are certain things which your Legum instructs you to do you're the hely used of our relation.

styp," McKie said.
"You will take us into the Coun-

areas, there?"

The High Magniter was perceptive and he was a benefizing offer bound's peculiar gifts, but he was ee a Desadi. McKie found it reliablely easy to manupolite Anith tow, ealisting the High Magniter's deepest monourious. When Anith processed agarnet cancelling the Gold.

torn, ealisting the High Magnaci's deepest monvations. When Antich protested against cascelling the God Wall centrant, MaKin revealed only the first layer of stabborn determination.
"You will not add to your

Legum's difficulties," McKie said.
"But what will keep them on
Dosad?"
"Nobing."

"Then you will defend rather than prowecter"
"Ask your per Wiegye," McKie

"Ask your per Wieave," McKie said "Ask Ceylang" He broke the contact then, knowing Arach could only obey him

The High Magaster had few choices, most of them had ones. And Gowschin Law prevented him from duregarding his Legam's orders

disregarding his Legam's orders once the pattern of the content was set.

McKee awake from the cid to find his Dry Head friends clausered

around Jodnik. She was explaining their prodisentent. Yes... there were advantages to having two bodies with one purpose. McKie got to his feet. She saw him, apple.

"My head feels better."
"It was a near dung." And he added:
"It wall is. But Donald is free."

at stell in. But Dosadt is line."

In the classical times of several species it was the aution of the powerful to nurige the power-counters (source) or other economic tabulators, status points, etc.) into occasional violent

points, etc.) into occasional siolent perturbotion from which the knowledgeoble few profited. Hurson occounts of this experience reveal eddying exomples of this behavior (for which, see Appendix G). Only the PortSpech opposer to have availed this phenomenon, possibly because of crische down

calls from the mem the Dry Heads or solds for him. It was a relatively large room reserved for H rucsts and contained well-trained chairdnes and a wide bedog which Jedrik eved with suspicion despite her McKie memories of such things. She knew the things had

they were ... office She stood by the single window which looked out on the community pool, naming when she beard McKie weaken from his Taprision "Suspicions confirmed." he said.

Will our agent friends leave Buildeon for un?" she asked She named back to the window I keep thinking how the Douad

God Wall. As bright as this." She and/of stream the courtsand seen through the window "And when we get instantance She broke off. McKie. of course.

shared such thoughts. This new inipament "I've been thinking about your

she said

mein him had all appeared open in their relationship. He had been told -Comparative History, that his teachers were a select roup, chosen for excellence, the best available for the task: making a Gowachin out of a non-Gowachin A silk purse from a sow s car!

His trucken, had angeared to lead convertional Gowachin lives, keeping the usual numbers of fertile females in family sasks, wording the graduz tada with necessary Gowachin abanden. On the surface of it, the whole thing had assured a sense of the ordinary. They had only a radimentary brain, but sittle introduced him to intimate injects of their loss, when he'd increased. answord his questions with disam-

MrKie knew where her thoughts

had ones. The Gowachin chosen to

McKic's Jedrik-amelified awareness saw this in a different light now. The corrects between Grace but who from accord our absents: And McKie knew now that he ad not saked the right countries. that his trackers had been selected he different rules then those to period to him at the time that there sky must look now ... without a private instructions from their Gowachin superiors contained

turners of vital importance which had been hidden from their makes Poor Cestang. There were unsettling reflections. They changed his understanding of Gowachia honor, called into question all of those tradvertent comparisons he'd made between his own BuSah. His BuSah training came in for the same questioning examination. Why ... why ... why ... why

Why why why nhy
Law? Gowachin Law?
The value in having a BuSubagent as a Legam of the Gowachin
had gained a new dimension.

had gained a new dimension.

McKe saw these matters now as Jednik had once soon firrough the God Wall. There existed other forces only dimly visible behind the visible screen. An anseen power

torces only dittily visible bettined the visible screen. An an seem power structure lay out there—people who seldon appeared in public, documen makers whose slightests whim carried scrible import for countiess

ried terrible import for countiess the worlds Many places, many worlds. Powould be held in various degrees of broadage. Dosadi had meetly been an extreme case for a special pur-

New bodies for old. Immortality.

And a tritering ground for people who made terrible decisions.

Bat some of them would be as completely Dosad! as this Jodn'sserphfied McKie.

He wondered where the Dosadi decision had been made. Arisch had not shared in it, that was obvious. There were others behind Arisch—

Inon were others extent Amesgoverchin and non-Gowardin. A shadowy power group cancel. In coald have its peat on any world of the Confestioney. The power mercharse would have to meet occusionally but not necessarily face to foce. And never in the public eye. Their first rule was socrocy. They would emoly many occured who fixed at the exposed fringes of their power, people to carry out shadowy commands people such as Angth. And Bildoon

Anaca.

And Bildoon

What had the PanSpochi hoped to gain? A permanent hold on his criche's can? Of course. The

plus new bodies. Human bodies, undoubtedly, and unmarked by the stigrouta of his PanSpechi ongars.

Bildoon's behavior and Arsteh's appeared so transparent now. And there'd be a Mrreg nearby creating the currents to which Arisch sware.

Puppet leads to Puppet Master Mineg. That poor feel, Grink, had rewealed more than he thought.

And Bildoon
"We have two points of entry,"
McKie said.
She agreed.

"Bildeon and Mregg. The letter is the more dangerous." A crease beside McKie's nose began to itch He stratched at it absently, grew conceives that something had changed He stared around, found hittself standing at the stratches and elebated in a fermion

body
Dann' It happened so easily
Jodnik starred up at hire with his
warn eyes. She spoke with his
wooe, hat the overloces were pure
Jodnik. They both found this arras-

Jodnik spoke in a musing voice. "Yes, the watchdous of sustice." "Oth, the perturbations we "Where were the worchdogs when my ancesters were lived into

He understood this Dosadi trap?" Washings of justice, dangerous role," he agreed:

"You know our feelings of out-

rige," she said.
"And I know what it is to have

loving pirents " "Renember that when you talk

to Bildeon." Once more. McKse found himself

on the had, his old furnitur hads second him

Presently, he felt the mental ten drifs of a Taprisiot call, sensed Bill doon's awareness in contact with him McKie wasted no time. The

"I have located Dougli. The none will come to the Construction No doubt of ther I want you to

make the prefirmary amingements. Inform the High Magister Artich that I make the formal imposition of cal need must be a Gowarhin from Douadi. I have a particular Gowachin in mind His name is

"When are you?" "On Tandaloge."

"Is that remarkle?"

McKie masked his sadness AAA Bildose. Now easily you are read. "Doubli is temperarily out of

danger. I have taken certain retalietory precautions." McKie broke the contact

McKie had no time for reflect

Brocy will need help, a support tram, an extremely neliable moon which I wast you to select for

"Yes, and what of Gar and

"Let them run free. Breey will nick them up later."

Communalinanaged economics have always been more destructive of their sociefies than those driven by arred This is what Danadi says: Greed sets

in own looks, is self-consisting - The Donadi Analysis/fs.Gab Test

office thry'd assigned him. Af-

tersoon smells from Tardabor's dow. A low burrier separated him from the Courtagens with the ranks was a green-walled space so decep-

of seats all around. His office and afficience quarters were small but fitted with all requisite linkages to liberates and the infrastructure to summen witnesses and experts It touch pelinary that to like had berailed more than one non-Gowachin into believing he knew how to perform here. But these questres troreserved a deceptive surface riding on Gowachin currents. No matter that the CoeServicent Pact modified what the Gowachin might do here, this was Tandahore and the forms of

his was Tandahor and the forms of the freg people dominated. Searing himself at the single table in the office space, McKie felt the chandog adjust itself beneath him.

charding adjust stuff beneath him it was good to have a chaining again after Dosufi's unerlenting furnituse. He flipped a toggle and

addressed the Gowachin face which appeared on the screen must into his table.

"I require testimony from those who made the actual decision to set up the Dosach experiment. Are you

prepared to meet this request?"
"Do you have the names of these
people?"

people?"
Did this fool think he was going to blart out: "Mrneg?"
"If you force me to it." McKee

warned, "I will bind Aritch to the I Law and extract the names from a him."

This had no apparent effect on with Gowethin He addressed McKie in by name and title, adding:

"I leave the formalities to you cold!
Any witness I summon must have a "Control."
McKie suppressed a smile Sus. Th

source supervolu a mine susprictors confirmed. This was a fact which the wareful Gowechin in the serven was late recognizing. Someone else had read the interchange correctly, however. Another, eider, Gowachin face evident the first "What're you doing, McKie?"
"Determining how I will proceed
with this case."
"You will proceed as a Legum of
the Generalist Bar."

"Precisely:"
McKie waited.
The Gowachin poered narrowly at

The Gowachin poered narrowly at him from the screen "Jedrik?" "You are speaking to Joej X:

McKie, a Legum of the Gowachin Bar Belandly, the older Gowachin saw something of the way the Douadi experience had charged

McKie.

"Do you wish me to place you in

operact with Arisch?"
McKie shook his head. They were so damed obsesses, these un-

"Artitch didn't make the Dosadi decision. Arisch was chosen to take the blow of it tames to that. I will accept nothing less than the one who made that ultimate decision which launched the Dward extra

The Gowachin stared at him oldly, then

"One moment, I will see what I can do."

The sources went black, but the

audio remained. McKie heard the voices. "Hello Yes, I'm sorry to

"What is it?"

The was a dren and amorare

one on the screen

at the interruption. It was also at accept which a Douadi could more tize in spate of the carefully overlaid masking tones. Here was one who'd used Dosadi.

The voice of the older Gowachin from McKer's screen continued "The Leguts bound to Aritch has come up with a sensitive line of

questioning. He wishes to sneek to

"To me? But I am proporing for Lauruk." McKie had no idea what Lauruk might be, but it opened a new win

dow on the Gowachia for him. Hose was a glimose of the rarified strata which had been concealed from him all of those years. This risky elime

confirmed him in the course he'd "He is listening to us at this

"Listening why?" The tone canned threats, but the

Gow, whin who'd intercepted McKie's demands went on anwayering. "To save exclanations it's clear

that he'll accept nothing less than speaking to you. This caller is McKie, but

"You will understand " "I presume you have interpreted

things correctly. Very well. Pur him McKie's screen fliekered, mvealed a wide view of a Gowackin

toom such as he'd sever before seen. A far wall held sneses and cutting weapons, streamers of color-

ful pennants, glistening rocks, or-nate carvings in a shirty black substance. All of this was backdrop for a semi-reclining shairdog occupied by an aged Gowachin who sat speaddle-legged being appointed by two sources Gowarden males. The attendants poured a thick, golden

substance onto the aged Gowachia from error crustal flashs. The flashs ware of a spiral design. The consents were gently massaged iron the Generalis's skin. The old Gossachin elisteant with the stuff

and when he blinked-no phylum "As you can see," he said, "I'm being prepared for He broke off, recognizing that he

spoke to a non-Gowychin Certainly, he'd known this. It was a slow reaction for a Dosack "This is a morale," he said.

"Indeed." McKie nodded pieasanth "Your name?" The old Gowachin scowled at this

gascherie, then chuckled "I am called Mee a." As McKie had suspected. And why would a Tanildoxy Gowechin

assume the name, no, the only of he mathical monster who'd imbacd the frog people with a deve toward savage transpo? The implications went far beyond this planet, colored

"You made the decision for the "Someone had to make it."

That was not a substantive as-

to issue. "You are not doing me your question," Mercy countered. ary favored I now know what it "Then I withfrew from this means to be a Legum of the case." Gowachse Bur and I seemed to em-Mrrug hunched forward in sudden

ploy my powers to their limits." It was as though McKie had worked some odd magic which force the scene on his somen. The

two attendants stopped pouring un-gent but did not look toward the nickup viewer which was recording their actions for McKle. As for

Moreo he say utterly still his cars fixed aphlicities upon McKie. McKie wated

Presently, Moveg carned to the attendent on his left.

"Please continue. There is little McKie took this as though uno-

"You're my client. Why did you und a mosy?" Mrrcg continued to study McKie. "I see what Fixes meant." Then, more briskly: "Well, McKie, I fol-

lowed your career with interest. It now appears I did not follow you closely excush. Perhaps if we had ret . . .

He left the distant incomplete McKie picked up on this. "It was inevitable that I escape

from Donati." "Perhaps." The attendants finished their

work, departed, taking the oddly shaped crystal flasks with them "Answer my question," McKie

I am not required to answer

aliem "You cannot" Arisch "I have no dealings with Artich. My churt is that Gowachin who

made the Dosadi decision " "You are engaging in strange behavior for a Legum Yes, bring it." This last was addressed to someone officeres. Another allea-

dant appeared carrying a white garmont shaped somewhat like a long agreen with sleeves. The amendant arriched to put this onto Mirror. who ignored hers, concentrating on

McKin "Do you have any idea what you're doing, McKie?" "Preparing to act for my client."

"I see. Who told you about McKie shock his head. "Did you mally believe me un-

able to detect your presence or interpret the implications of what my cran senses tell me?" McKie saw that the Gowachia failed to see beneath the surface busting. Merce turned to the attendast who was tying a group ribbon

at the back of the amon. The old Gowachin had to lean forward for shis. "A little tighter," he said.

The attendant retted the ribbon. Addressing McKin, Merce said: Please foreign the distraction. Dis-

Dosadi fashion. He could see the makings of an important Gowachin must been, but it was a new one to him No mater. That could wait He continued speaking, probing this When you found your own

peculiar uses for Dosadi "Peculog? It's a universal motivariety, McKie, that one tries to re-

date the competition." "Did you assess the price cor-

rectly, the price you might be asked to pay?" "Oh, yes, I knew what I might

have to pay." There was a clear tone of resugnation in the Gowachin's voice, a rare one for his species. McKie hesi-

tated. The attendant who'd because the apone left the morn, never once glancing in McKie's direction, alshow whotever Mrreg saw of his

"You wonder why I sent a recento hire the Lagure?" Mirror asked.

Why Arisch "Browse he's a candidate for greater responsibilities. You length McKin, true estemble me

Undoubtedly you know what I could have done to you for your impertinence, yet that doesn't deter This revealed more than Mrreg

might have intended, but he remained serveage (or uncarring) of what McKie eye. For his need MrKie existance a bland exercise. as blank as that of any Dosudi

"I have a single purpose," McKie said. "Not even my client will sway me from it." "The function of a Legum.

Many said The attendant of the white agree returned with an amheathed blade. McKie elimourd a invested bandle and affirering sweep of cutting edge

about twenty centimeters long. The blade current back more stuff in a right are or the tip. The attendant, his back to McKie, stood facing Merce. The blade no longer was Mrseg. hes left side partly

obscured from McKie by the attendant, keaned to the right and poemd up at the screen through which he watched McKin. "You've never been approved of the commons we call Laurek, It's

very important and we've been reoferation. Learned was experied before such a . . project as Dosadi could be set in motion. Try so unprepare your case."

"What was your Phylam?" "That's so losser important but ... very well. It was Great Anaberica I was High Marister for two decades before we made the Donadi decision

"How many Rim bodies have you used up?" "My final one That, soo, is no

longer important. Tell sat. McKv.

when did you suspect Aritch was only a proxy"

"When I realized that not all Gowarhin were horn Gowarhin " "But Arisch"

"Abh, yes: Arisch aspires to

Command.' Yes, that would've be decerned us. I think Was that de-Secure behind his Dosadi mask. McKie decided to lie.

"Ver "

himself, but railing.

we never suspected "

species. There had to be a 1 behere was Human call it a 'High come obvious to one as alert as you now appear. Your many marriages.

reater responsibilities " "Yes ... of course, I see The Donasti decision had to go far besend a few obviums or a single

SEED "One might almost believe you

Whatever Mrreg presumed, decided not so say it, making aloud were been on Donard " McKie musined olean allowing the few in that consectors to fill Meson's conscriptioness Presently, Mercy asked "Do you

blanc all Gowachis?" Still, McKsc remained silent

our intent as you know. I pre-

Mirro became agitated "We are a government of sorts, my High Command, Propie can be

induced not to question a govern-McKie decided to press

Mirroy seemed to shrivel "I see. We were made to believe their entire regulations when the you some kind of difference with demonts grow beavy exough By powerted emotions. It'd be asigned a their passive acceptance, these flow adoubt not sould explicit. Then nondations become accessories to

there's another High Command and whatever is done in their name." "You've provided free use of It all come out swiftly, revealing isometroes for the Dosad?" the wheels within wheels which McKin needed "The Calebans ruled Mrreg's view of the ConSontical pringrae. McKie marcelled at has been been instructing her combow much more was said than the

have words. This one had been a "You think to loose the Dougli long time years from Docati and seon the ConSentiency and hunt down my High Command? Have a had not been been there ... but there were pressures on Mineg now forcing him to the limits of what care, McKie. I warn you not to abandon your dities as a Logum or to turn your back on Arrich." McKie continued others

he'd learned on Dosadi. McKie did not interner "We didn't expect you to near. "Don't make that error. McKie. Arnch is your client. Through him year Arrich's role, but that was not

you represent all Gowachin."
"A Legum requires a responsible client," McKie said, "Not a proxy.

but a client whose acts are brought into question by the case trued." Mrrog revealed Gowachin signo of deep concern

"Here me, McKie, I haven't

In a sudden rush of apprehension, McKie focused on the attendant with the blade who stood there partly obscuring the seared

partly obscuring the seared Govachia, Mring spake in a swift spill of words: "By our standards, McKie, you are not yet very well educated in Govachia necessities. That was our

Gowachin necessities. That was our error. And now your impelsors ity has put you into a position which is about to become untonable."

The attendant shifted slightly, arms moving up. McKie glimpsed the blade up at the attendant's right shoulder.

as do thereans or even Wersers, Mercy said. "We have grades the property of the company which had more and more responsibility for those beneath them. This weigh Commond. What you see as Gowachia Earry is only a breading group with its own limited subset. With each sup up its responsibility goes a requirement that we pay an increasing piece for failure. You safe THIS SPACE RESERVED FOR



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"Gowachin don't have families as do Horsans or even Wreaves."

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vare that only the swiftest, most alort of his tads sarvive. A Magazer upholds the forms of the Law. The High Command answers to

a ... Mereg. You see? And a Mineg must make only the best decisions No failures, Thus ... Laupuk."

As he spoke the final word, the blade in the amondari's handflashed our and around in a shimmoring see. It caught the seated forwachin at the neck. Mengi's head, analty severed, was crought an the loop at the blade's hip, british high, then lowered onto the white agrees which row was solitated with

grees gore.

The scene blanked out, was replaced by the Gowechen who had outsected McKie with Mreg.

"Arith wishes to consult his Legars," the Gowechin said.

in a changing universe, only a changing spaces can have to be immortal

ond then only if its aggs one furthered in sidely accepted environments. This properties a wealth of unique products a wealth of unique individuals.

—INSIGHTS (a glimpse of early library additionally). But the products of the first of the products of the first of the products of the p

Jodn's made connect with McKie at while he wated for the arrival of — Artich and Ceyling. He had been staring absently at the ceiling, is evaluative in a confirmative Desaudi

way how to gain personal advantage from the spectring excounter with them, when he felt the touch of her mind on his.

ng McKie locked himselt is no body.

"No transfer "
"Of course not."
It was a tiny thing, a subtle shad-

ing in the contact which could have been overlooked by anyone with a less accurate simulation model of lessific.

"You're angry with me." McKie said He projected stony, knew she'd

mod this correctly
When she responded, her anger
had been reduced to initiation. The
paint was not the shading of elin-

emotion to reveal itself.
"You remaid me of one of my early lovers," she said.
McKee thought of where Jodrik

social incorporation of water across was at this morecer-acidity recked in the flower-perfurned art of his flusting island on the planetary sea of Tratabre How strangs such as consincement must be for a Douadi ...no threats, fruit which could be picked and eaten without as

thought of poisons. The memories she'd taken from him could coat the inland with familiarity, but her flesh would containe to first that a strange experience. His memories—yes. The island would immited her of all those ways he'd taken to the honoversoon bowers of thus me the honoversoon bowers of the

McKir snoke from this aware. "No doubt that caply lover failed to show sufficient appreciation of

your abilities outside the bed secon, that is Which one And he named several accurate

possibilities, lifting them from the memories he'd taken from Jednik Now she laughed. He sensed the untersted response, real humor and

McKie was certified in his terr of one of his early wives, and this

made him think of the beneditue situation from which Jodn's had choice for breeding mase and a lover taken for the available enjoyment of sex. One might even acavely distike the brooding mate

Levers ... wites ... What was the difference except for the specially imprinted conventions out of which the roles arose? But Jodelk did ecmed him of that one porticular woman and he explored his memo-

ry, wondering if it might help him He'd been in his mad thurnes and assigned to one of his first personal tener to receiler and instruct him. The youngest Human agent in the on his own, so it was removed. The

Rustua's history stars to be ethoused planet had been one of the Yllin eroup, very much unlike anothing in McKie's previous expenence an ingrows place with deep entryways in all of the houses and an ommyave silence all around. No animals, no birds, no maces just that sweeten blence within which a fanatic religion was reported form-

ing All conversions were lowwhich suggested an inner communication occultar to Yfir and somehow making sport with all outsiders not new to their newer code Very

Hie Dosadi in this His wife of the moment, safely emeaned on Tutalsee, had been

Something about that Ylir case had sent McKie back to this wife with a shurpened awareness of her

needs. The marriage had gone well for a long time, longer than any of the others. And he saw now why ledek reminded him of that one they both prospected themselves with a tough senior of feministry, but that facade. When the armor colescd. it collapsed totally. This remad his own reaction clearly be

was frightened in the cyclink this evaluate took. Jedelk read hire:

"We have not left Dosadi. We've raises it with us."

So that was why she'd made this council to be certain be mixed this dates isto his evaluation, McKirlooked not the open window Is would be dusk even here on Taxdalage. The Gowachin home plants

was a place which had defied change for thousands of standard years. In some respects, it was a

The ConSentioner will never be The tiny makle of Docari which

Arisch's people had hoped to cut off was now a rosping catagact. The people of Dosadi would insinum themselves into niche after niche of ConSentent civilization. What could resist even the lowlices Dosad? Laws would charge. Ralationships would assume profound

and sable differences. Everything from the most capual friendship to the most complex business relationship would take on some Douad

McKie recalled Arisch's purting successor as they'd sent him to the umphor which would put him on

"Ask yourself if these might be a price too high to pay for the Douadi

BRID " That had been McKie's flest clue to Aritch's actual motives and the word /razon had beshered him, but he'd missed the implications. With some emburassment, McKie pr-

called his olib arower to Admit's "It depends on the lesson."

True, but how blind he'd been as called such things to his attention.

thrigs any Dough would have seen How lengrant. Now, he indicated to ledn's that he understood why she'd

the uses of outrage and injus-"And how to turn such things to penuntal advantage."

She was right, of course, McKie stated out at the gathering dask exercitions its own. If the species failed, then forces beyond it moved in, and so on, ad infanture.

I do seher I do He recalled those words with a shadder, felt Jedrik revoil. But she

was proof even against this "What powers your Confen-

Past tense, right. And not our ConSentioncy because that already was a thing of the next Besides ahr was Dosadi.

"And the illusions of power," she said. He saw at last what she was con-

phasizing and her own shared memories in his mind made the leason doubly impressive. She'd known precipily when McKie's personal ego-focus might overlo

Yet, this was one of the elses which held the Cornertions to pother. "Who can imagine Mesself im-

more from any retalunce?" he It was right out of the BuSah

Manual. Jodnik made no response.

McKse needed no more emphasis

ran a course demonstrate in its month. from emidenic violence two pattern. More often than not,

cree the so-called 'enhances phase. The ex innex core ignited more violence and more violence until either reason prevailed or all was desmoved. There was a sufficient number of cinder blocks which once had been planety to make the lesson

clear Dosadi had come within a

inhabitable list Before becaking contact, Jodesk

had conflor court to make. "You recall that in those final days. Brocy increased the rations for his Harran manifestion, his wore of saving to them: 'You'll be turned out onto the Rim some to find for

voerselves." "A Dough way of saving that." "Correct. We always held that throught to reserve. That we about breed in such combers that some would servive as motter what has-

during species which could surtive slave without the city of Chu ... or any other city designed whele as produce non-promonous Correte." 'Ret there's always a hipper

force walling in the wines." Make vare Arotch understands

Change contribuble violence when vio-

The BuSoh Monard

The senior attendant of the Courtarces, is sount and dignified Gowachin of the Assumptive Phylum, confinered McKie at the

arena door with a confession that some of your witnesses have been excluded by Prosecution chal-

The attendant, whose name was Durni, gave a Gowachia shrug,

McKie planted beyond the attendust at the truncated oval of the

gens entrance which framed a lower sources of the suffered souts. The seas were filled. He had exfirst morning session of the trial. new Darsk's words as a vital revelapened. We would thus begin protion. They were accepting his gambit. Darak had signalled a risky line of attack by those who raided Cestang's performance. They ex-

pected McKie to protest. He glanced back at Aritch who steed quetly submissive three steps behind his Legum. Arisch gave every appearance of having resigned If so the serve 's conditions "The forms must be obesed"

Beneath that appearance lay the houry multipes of Gowachia

Law-The mills are inneces-

Legolists put their own interests first. Defense and prosecution are brother and states. Suspect

Artich's Legum controlled the initial postare and McKie had chosen of defense. It heads's supprised him to be teld that Caylang would prose it care McKie had coustered by the sisting that Brocy sit on a judicial of postal which would be limited as three members. This had caused a

three members. This had caused a delay during which Bildcon had called McKie, probing for any hetrayal. Bildcon's approach had been so obvious that McKie had at first suspected a feint within a feint. "McKie, the Gowachin fear that

you have a Calchan at your command. That's a force which they...."
"The more they fear the better."

McKle had stared back at the screen-framed face of Bildoon, observing the signs of strain. Johnk was right the ross Dosadt were very coay to mad.

"But I'm told you left this Dosad in spite of a Calebae contract which prohibited ..."
"Let them worry. Good for

them "McKie watched Bildoon intently without betraying a single emotion. No death their were others monitoring this exchange. Let them begin to see what they force. Pupper Bildoon was not about to undover what those shadneys forces wanted They had Bildoon here on Tandahor. Hopeon and they tall the best high they forced wanted they had Bildoon here on Tandahor. Hopeon and they tall the bild McKie in ex-

sential fact. The PanSpechi chief of BaSab was being offered as batt. This was precisely the response McKie sought. Baldoon had ended the call without achieving his purpose. McKie had nibbled only enough to usure that Bildoon would be offered again that Bildoon would be offered again that Bildoon would be offered again

that Bildoon would be offered again as a best. And the puppet masters still feared that McKie had a Calehan at his book and call. No doubt the pennet masters had

tried to question their Cod Wall Calebon. McKee hid a smile, thinking, how that conversation must have gone. The Calebon had only to quote the lotter of the contract and if the questioners became accessiony the Calebon, would record with

anger, entiting the exchange. And the Calchan's words would be so filled with terms subject to ambiguous translation that the pupper manters would never be certain of what

they heard.

As he stared at the patiently waiting Danak, McKie saw that they had a problem, those shedowy figures behind America, Lannak had removed.

Mrneg from their councils and his advice would have been valuable now. McKie had deduced that the connect reference was "The Mrneg" and that Artish beaded the list of possible successors. Artish might be Dosadi-trained, but he was not Dosadi-trained, but he was not Dosadi-trained.

Dough-born There was a levon in this that the entire ConSentency would soon learn And Brocy as a judge in this case remained an unclaimerable fact Brozy was Dosad-born. The Caleban cerimet had kept Brozy on he pedson planet but it had not Immed Itim to a Gowachin Body. Brozykerte what it was to be both Hemma and Gowachin. Brozy knew about the Pedarkya and their use by shoot who'd leid Dosadi in benefage. And Brozy was now Gowachin. The ferces opposing McKie dated no nature seeder. Gowachin under nature seeder. Gowachin under

Breey was now Gowachin. The ferces opposing McKie deased not name another Gowachin judge. They must choose from the elements species. They had an intensiting quantity. And without a Calchan insistant, there were no more Pelaicy to be had no Dosadt. The most valuable cow the pupper months in the property of the property of the had to effect was lost to the Day's the despotate. Some of the other new months in the property of the property of the other new months in the property of the property of the other new months in the property of the property of the other new months in the property of the property of the other new months in the property of the property of the other new months in the property of the property of the other new months in the property of the property of the other new months in the property of the property of the other new months in the property of the property of the other new months in the property of the pro

Forturps sounded around the task of the corridor behind Attents. MrKin glared back, saw Ceplang come tito view with the attendants. MrKin conson on loas than twenty leading Logarus seround her. They were out in force. Not only Gowachin pride and inageny but held in the control of the contro

almost see those shadowy figures in the shape of this entourage. Crylang, he size, wore the black robes and white-shiped hood of Legam Proscustor, but she'd thrown bock the hood to free her manfibles. McKie desected swins in her.

tes Micke detected tesson in her movements. She gave no sign of recognition his Micke way her through Desail.

If frighten her. And she's right,
ted Turning to address the warring atumdant and speaking bouldy to
ten make store that the approaching
to googs heard, McKe saidt
"Every law most be tested. I ac-

nd cept that you have given me formal
announcement of a limit on my defone."
Dreak, expecsing outraged protest
and a demand for a list of the

or and a demand for a list of the rig cacheded witnesses, showed obvious confusion.

"Formal autoancement"

Ceyling and entourage came to a

to. McKie were on in the same load he woice.

"We stand here within the sphere

the of the Courtarena. All matters conth, coming a dispute in the artifu are ing formal in this place."

in. The attendant glanced at Ceylang, sky sorking help. This response ory threatened him Darrik, hoping sky associdy to be a High Maginer, lot should now be recognizing his instructure. He would rener min is

adequactes. He would never make it in the politics of the Gowachin Phyla, especially not in the corning Desaft age.

McKee explained as though to a neoghyse: "Information to be verified by

my witnesses is known to me in its entirety. I will present the evidence myself."

entirety. I will present the evidence myself."

Crylang, having stooped to hear a low-voiced comment from one of her. Gonachin, advisors, showed surprise at this. She raised one of her many readels called "I amtest. The Defense Leaven cannot

give ... "How can you protest?" McKie interrupted. "We stand here before no jedicial panel empowered to rule

on any protest." "I make

formal protests." Coylang invisted, ignoring an ad visor on her right who was topping at her sleeve

McKie generated himself a cold "Very well. Then we must call

being the only party present who is The edges of Article's uses came

down in a Gowachin grimace. to go with the Wreave," he said

"They cannot say they came here uswarred " Too like Craften one what had happened. McKie would be able to question Darak on the challenges to the witnesses. Some of those challenges were certain to be over turned. At the very least, Media would know who the Proposition feared. He would know it in time to oct upon it. There would be no delave valuable to Prosecuring. Tension, fear and pride had made Coylang act precipitately Artich had been right to warm them but they counted on McKie's fear of the interlocked Weave triads. Let them count. Let them blust their swooncem over the excluded witnesses. McKie motioned Durak through the doorway into the arena, heard him uner an oath. The reason became annurre as McKie messed through in the crowded surge of the Prosecutor's party. The instruments of Trust-by-Pain bad been arrayed on their ancient rack below the

sadges. Soldom brought out of their scappings even for display to visiting dignituries these days, the in-struments had not been employed in the arena within the memory of a living witness. McKit had expected this display. It was obvious that Daruk and Coylang had not. It was oncessing to note the members of Certaine's entourner who were

watching for McKie's response... He gave them a grin of satisfac-McKie turned his attention to the

sufficial punel. They had given him Busy The Confestioner action through BuSab, held the right of one appointment. Their choice dehuband McKee, But, rafred! Bildoon occupied the seat on Breev's right. The PanSpects chief of human sat them all bland and mserved in his unfamiliar Gowachin notes of water green. Bildoon's facroed eyes elipsed in the bursh arona lightime. The third tadee had to be the Gowachit choice undoubtedly manuscred (as Bildren had been) by the paper masters. It was a Human and McKer, recognizing him, missed a step, recovered his ness on that and on a useless conbalance such a sauthle officer

What were they doing? The shird sader was named

Mouder Parantha, a noted challenger of Brishs actions. He wasted Brishs actions the wasted Brishs and the bear of the bear of the braces is by retrooring some of the braces is by powers. He came from the planes Little. Which provided McKim with a stepriest. Little was a natural cover for the shadowy forces. It was a place of enermous wealth and great private essents guarded by their own security forces. Parando Pale on necessity forces. Parando

great private estimes guarded by their own security forces. Parando win a man of somewhat superficial manners which might conocal a peruine sophisticate, knowledgeshle and enafles, or a complicity resilient solution of Broog's stamp. He was certainly Dosad-trained. And his features been the look of the Dosadfeatures been the look of the Dosad-

There was one more first about Printing which no one controlle Line was supplied to lining McKie had core spon it guite by chance while irrestigating a Palentis who'd been no estate guard on Linas. The bartilike Palenti wom notocoasily dull, orphisped cheffy as muscle. This one had been uncommonly other-

"Parando makes advice on Gowachin Low."

This had been responsive to a question about Parando's reflationstip with the entate guad being investigated. McKie, not seeing as connection between question and answer, had not possed the matter but had socked this datum away for future investigation. He had been mildly interested at the time because of the mimored existence of a legalist enclave on Lirat and such enclaves had been known to test the

limits of legality. The people behind Aritch would cupted Micke to recognize Parando. Would they emperit Parando to be recognized in a legalist. They were certain to know the dasper of parando real common to the present on a Gowards beach, professional legalists were absoluted by the professional legalists were absoluted from Gowardin Gowards.

jufficial service.

"Let the people judge."

Why would they need a legalist

here? Or were they expecting McKik to recognize the Ram expliss of Prazado's body? Were they weeming McKik to 80 to 2810: And wase here? Body exchange and the implications of immortality represented a box of seakes no een species agoing or one species agoing of one species agoing the seakes of the Confections; better in fits case. More ways that one. If I challenge Praemado Ali. 19.

placement may be more dangerous.

If I expose him as a legalise after
the must stores. Could they capace me to do that? Let us explore

Knewing he was watched by countless eyes, McKie swept his gad around fite seens. Above the soft green absorbest oval where he stood were nank on rank of benches, every seat occupied. Mused monitog habit from the durred translations ceiling illuminated rows of Humans, Grayactin, Palenkii Sobarins McKie identified a cluster of femer Weeners and above the serve

Imber this with a sinusus ficuser in every movement. They would bear waching. But every species and faction in the ConSentiency would be represented here. Those who could not come in person would

watch these proconfirms via the rin tering transmitter eyes which looked down from the certains's edges. Now. McKie looked to the right

at the witness pen set into the wall broads the ranked beaches. He identified every witness he'd called. even the challenged ones. The forms were bring obeyed. While the ConSentient Covenant required certain modifications here, this arena was still dominated by Governmen Law To accept that, the blue metal

curied the honor above on the heach in frost of the judicial punel. Who will caste the knife hera? Protocol demended that Prowerener and Defense approach to a point beneath the sudges, abuse theraches and call out accretance of the arena's conditions. The Pro-

secutor's party, however, was indisarray. Two of Crylang's advisors were whispering excited advice to The members of the audicial

parel conferred, glascone at the some below them. They could not act formally until the obeisance. McKie passed a glance across the

00

greed was like an anchor point. It was the Generalia Low charge. able only on the surface. And Brocy was but the tip of the Dovadi advisory group which ledn't had an-

Holding his arms extended to the sides. McKie murched forward abased himself face down on the floor, stood and called out

pagel, absorbed Broey's posture.

The Docadi Gewachin's enterthened

The conditions here are my cordisacred traditions of this place. Does the court give me leave to slav ber There was an exclumation behind him, the sound of numere, the sad

des Sonoine of a body com the arena's mutted floor. Ceylang could not address the coart before this box from the Running Phylum ocobviouse and the knew it. She and the others now also knew comethors che just as important-that McKie non ready to also her deserte the threat of Wirean weaders. in a becathless voice, Ceylang

called not have proceedings of the area's confitions, then "I medest this trick by Defense

McKie saw the stiming of Gowathin in the audience A trick?

Gowachin dearly loved local tricks? The members of the indical named had been thoroughly briefed on the surface demends of the Gowachin forms, though it was drubeful that Bildoon understood sufficiently what went on beneath those forms. The PauSpoth: confirmed this now by learning forward to speak. "Why does the serior attendant

of this court enter ahead of the Legaris?" McKie described a flooring smith

McKie descried a flooring smite on Broey's face, glanced back to see Durak vanding apart from the

see Durak vanding apart from the prosecution throng, alone and tembling.

McKie took one step forward.

McKe took one step forward.

"Will the court direct Dank to
the witness pen? He is here because
of a formal demand by the Pro-

of a formal demand by the Prosecutor."

your Coun," Ceylang argued. "He guards the door to"
"Prosecution made formal protest to a matter which occurred in the presence of this attendant, "McKie said." As an attendant, Durak said "As an attendant, Durak saids the confliction inter-

Breey street, looked at Ceylang, and McKie realized how strange the Wreave erast appear to a Douad. This did not deter Broey, however.

"End you greeted?"

"Had you grotest" has a direct question from the bench. Ceylang was required to insect. She looked in Bildsom for help but he persisted at black he parado also refused to help between the persistence of persistence of the persistence of the

Perhaps he knew something specific about their prosence in the areas. Ceylang tried to explain. "When Defense Legum supergra-

od an slegal" "Did you proins?" "But the

"This court decides on all mattens of legality. Did you protest?"

It was forced out of her. A fit of teenbeing passed over the slender Wreave force.

news pen, had to add a vocal order when the frightened attendant friled to undentand. Datak almost ran to the shelter of the pen.

Siltent pervaled the areas. The siltent of the auditages was an explease thing. They say potated in the watching ovals, all of those species and factors with their special feer. By now, they'd heard many stories and rances. Europhors had spread the Dosadi craiges all across the Configuration. Media refresessations, and

Consensory Modal representatives had been excluded from Douads and this court on the Gowachia regarases that dwy were "pery to uninformed subjective tractions," but they would be watering here through the tracemine cays at the colling. McKw looked around at sorthur.

McKee looked around at eathing in particular but took in every detail. Them were more than three judges in this arena and Ceylong containly must realize that. Gowachin Law termed upon stell, existing earlies to the chapter of the containing of th

that wanting multitude was quite another matter. Ceylang must be made to understand that she was a sacrifice of the arena. ConSentient opinion soord over her like a heavy sledge ready to smash down.

D was Parando's term "Will opposing Legams make their opening arguments now?" "We get't newcood while a for-

real protest is undecided." McKie Parando understood. He glanced at the audience, at the ceiling. His actions were a direct signal

Parando knew which judger really decided here. To emphasize it, he con a hand from the from of his neck down his chest, the unique Rim Raiders' salare from Donadi vigrifying 'Death before surrender' Subtle hitts in the movement gave McKic another datase: Parando was a Gowaghin in a Human body

that panel! With Dovadi imight, McKie sura why they did this. They were not oured to produce the Caleban contract here. They were telling McKie that rive would expose the body eachange secret if he forced them to it All would see that loophole in

the Donadi burn but released outsid-They then I am really Jednik as

Parando prevaled even more. His pecole intended to find the Jedrik body and kill it. leaving this McKie flesh forever in doubt. He could ment his McKie identity all he wanted. They had but so demand that he prove at Without the other action . What had their God

Wall Caleban told them? "He is McKie, she is McKie. He is ledge she is ledge."

His mind in turnoil. McKie wendered if he dared risk at im-

mediate mind contact with Indek Together, they'd already recomined this danger. Jedrik had hidden herself on McKie's hidraway, a floatone mind on Tundece She was there with a special Taprisist conmuct prohibitize unwanted calls

which might insdictestly sevest her location The sudges, led by Persodo, were acting, however, moving for an immediate exemptation of Darak a Legam.

His career in runs, the attendant answered like an automaton. In the end. McKie restored most of his witnesses. These were two rocable recenture Grind Ober Overel brend which much have led to The Morre) and Stings, McEle was not costain why thry wasted to carbele the Doudi weapons genius who'd ransformed a BuSab wallet's contests into instruments of victory Was it that Street had broken an

unbreskable code? That made sense only if Prosecution intended to play down the inherent Dougli superior-

Still uncertain. McKie prepared

to relife and sock a way to awed Parando's gambit but Ceylang addressed the bench. "The syue of witnesses having

been introduced by Defense," she said. "Procedute: washes to explore this issue. We note many witnesses from Dosadi called by Defesse There is a noteworthy orthistin whose name has not yet been introduced here. I refer to a Human by the name of ledels. Po-

"One moment!"

McKie searched his mind for the

feems of an acceptable escape. He know that his blamed protests had revealed more than he wanted. But they were moving faster than he'd expected. Prosecution did not really want fedrik as a witness, not in a Growachin Courtaerea where the rides were never quite what they appeared to non-flowachin. This wan a rolling measure to McKee.

We're going to find her and kill her.
With Bildoon and Parando concuring, a jumpdoor was summoned and Ceylarg played her instru'Defease knows the whoreshous.

of witness Retla Jodek.

They were forcing the question, awar of the emotional bond between McKit and Jodek. He had been seen and all the judges had to concur. They obviously would not do this not

yet. A hank lock on his emotions, McKie gave the jumpdoor assructions.

Frecently, Jedrik stopped onto the actual floor, fuel the judges. She'd been into the wardrobe at his bouser comage among which emphasized her height and grace. Open brown smalls, proceed her feet. There was a flame not blossom at her left use. She managed to jook ecotic.

and fragile.

Broey spoke for the judges

"Do you have knowledge of the

"What issues are at trial?"

She saked it with a childlike inspecies which did not even fool Bildron. They were feeced to explain, however, because of those other padges to whom every mance here was vital. She heard show may

"An alleged experiment on a sention population confined to a place to called Doualt | lack of informal consont by subject population charged | accusations of conspinicy against certain Govachin and others not you marked.

Two fingers pressed to his eyes in the guise of intense Insterieg, McKie made contact with Jednik, suggesting, conferring, They had to find a way out of this trap! When he looked up, he wor the supposes in Parando's face Which book.

in Parando's face Which body, which ego? McKir? Jedrsk? In the end. Ceylang hammered ing whether Jedrik had "say norsonal relationship with Defense Jedn's asswered in a decidedly

un-Dosadi fashion. "Why yes We are lowers."

In warlf this was not ensuch to exchair her from the arena unless Prosecution and the eague sufficial panel agreed. Ceylang proposed the cyclusion Bildeen and Parendo were predictable in their agreement.

"A second " Broev had a private compact with

the shadow forces then Jedelle and McKle had expected this but had not arricipated the form confirmarice would take

McKie asked for a recess until the following meeting. With the most benign face on it. this was granted Brocy assourced the decision, smiling down at Jedrk it was a measure of McKin's Donats conditioning that he could

Brocy for wanting personal victory over the person who had be seen blom Back in his quarters. Jedrik out a hand on McKie's chest, spoke with

eyes lowered. "Don't blame younelf, McKre-This was recytable. Those indees. rone of them, would've allegand any emorst from you before seeing me in person on that arena floce. "I know."

She looked up at him, smiling Yes of course More Wes-

one person we are." For a time after that, they reviewed the assessment of the aides chosen for Broey Shared memories enched away at minutes. Could any choice be improved? Not one person was changed...Hurren or Gowachin All of those advisors and aides were Dosadi-born. They could be depended upon to be level to their origins, to their condition-

ine to the surface and autually For the tank assigned to them, they were the best available. McKie brought it to a close.

"I can't leave the immediate area of the arena until the trial's over." She knew that but it needed say,

There was a small cell adjecters. his office, a hedge there, commune, cations muruments, Human tollet facilities. They delayed going ireo the hadroom, turned to a low-key argument over the advisability of a body exchange. It was processiranot find it in homeelf to blame tion on both sides, ourcome known in advance. Femiliar Dosh was famtilar flesh, less distracting it gave each of them an oder which they dared not sacrifice. McKie could play Jednik and Jodnik could play McKie, but that would be darner,

ous play now. When they retired, it was to make love, the most tender experience either had known. There was no submission, only a giving, sharing, an open exchange which nightened McKec's theort with roy and from some ladely into a fit of unWhen she'd recovered, she turned to him on the bed, stoched his right cheek with a finger... "McKit..." "Yest" "The never had to say this to

Douadi sobbing

"I've never had so say this soanother person, but ... "She islenced his astempted interruption by proching his shoulder. Journal upon an others to look down at him. It normated McKee of their first sight together and he saw that the had gone back into her Dosath shell ... but there was something else, a difference in the eyes.

"What is it?"

"Just that I love you. It's a very interesting feeling, especially when you can admit it county. How

odd."
"Stay here with me."
"We both know I can't. There's
no safe place here for either of

"Then let's ...
"We've already decided against

"Where will you go?"
"Best you don't know."

"No! I wouldn't be safe as a witness; I'm not even safe at your safe. We both

"Don't go back to Dosadi."
"Where is Dosadi? It's the only
place where I could ever feel at
beere, but Dosadi no longer exion."

"I meant ..."

She sat up, hugged her knees, rewailing the sinewy muscles of her shoulders and back. McKie studied her, trying to fathon what it was she hid in that Dosadt shell. Despite the intimacy of their shared

She looked over her shoulder at him.
"These are those who fear we'll make over the Confessions in

Douadi's image. We'll try, but the result won't be Douadi. We'll take what we judge to be valuable, but ther'll change Douad excee than x changes you. Your masses are less alert, shower, less resoucceful, but you're so numerous. In the gard, the Confestionery will win, but n'il so

shook her head.
"'And there's Broey. They'll have to deal with Broey and the team wa've given him. Boxey Plus! Your Conferency hasn't the famest

grasp of what we've loosed among them."

"The producer in the flock,"

"To Busey, your people are like

"To Bucy, your people are like the Rim—a natural resource." "But he has no Pebarkys."

"Not set " east will participate in" "Ret we were printed upon each other by . . . "Exactly! And they continue to suspect that you're in my body and

I'm in yours. Their entire expenence precludes the free shift back and forth, one body to

another " "Or this other thing"

He currened her mind "Yes! Brocy won't suspect until too late what's 'to store for him. They'll be a long ame learning

"I doubt if the Calchem over

there's no way to seet you from . . . me*** she terred and fell upon him. It was a wild replay of their first right to-

gether. McKie abandoned himself to it. There was no other choice, no one for the mind to dwell on depressing thoughts.

Is the morning, he had to tan his

implanted amplifiers to bring his awareness to the required pinch for the arrea. The process took a few

minutes while he dressed. lately moved polity with her own corporations, straightened the bedge and caressed its resiltent surface. She suppressed a supplicar then held him with a linguing kiss. The semulate opesed behind her as she ruhed away from him.

island before the door blinked out of existence, hiding Jedell and the sland from him. Tutalice? The "There may be other ways. Look morrow of shocked undentanding delayed him. She'd counted on th He recovered, sent his mind learn

I'll force on exchange! By the ofe

His mind met pain, consuming, disduse min It was appear such as he'd not even imagined could exist.

His mind held an unconscirus ledrik whose awareness had fled from para. The contact was so delicate. He holding a newborn infant The alightest relaxation and he knew he would lose her to ... He felt that terrifying monster of the first exchange hovering in the

background, but love and concern armed him against feet. Francis: McKsc held that tensous cretact while he culted a jurnatour. There was a small delay and when the door opened, he saw through kage which had been his bower is:

sinders. And in the background, a warped metal object which might have been one of Tutalsee's little four-obace fitters, rolled over, cureled and sank. The visible wreckage something Nec a postute, swift and all-consuming. The wage amond

McKie smelled familiar flowers. the island utill builded such in Even while he watched, the icland began breaking up, in cinders drifting apart on the long, lowwayers. A brozen flatiened the steaming smoke. Soon, there'd be nothing to show that boardy had flowed here. With a persister, there would be nothing to mouve the company of the company of the comtained the comtained the company of the comtained the comtai

er ... and even bodies to He herkited, still holding his fugite grasp on fedrik's onconsivas presence. The pain wis only a memory new. Was it enally ladest in his awareness, or only his remembered imprint of her? He tried to awaken the sleeping presente, failed. But small threads of memory corregod and he saw that the de-

struction had been Jednik's doing, response to sitack. The attackers had wasted a live hostage. They hadn't articipated that violent, unrestatable message.
"Yes, wen't hold, me over

McKie's head!"

But if there were no bodies...

Again, he tried to awaken
that amountaines presence. Her

memories were there, but she remained doemant. The effort strongthaned his grip upon her prescince, though. And he told himself it had to be Jedrik or he wouldn't know what had harcened on the

bower island.

Once more, he searched the cripty water. Nothing. A pennanc would've tom and buttered everything around it. Shards of metal.

thing around it. Status or mena, flesh reduced to scattered cinders.

She's dead. She has to be dead. A percent ... But that familiar presence lay slumbering in his mend

The door clicker interrupted his nevern McKei released the jumpdoor, named to look through the bedisde wewer at the scene custode his Legum quarters. The expected disputation had arrived Con-

pecied depotation had arrived Confident, the pupper masters were moving even before confirmation of their Tisulose gambit. They could not possibly knew yet what McKieknew. There could be no jumphoor or any other thread connecting this group to Tatalise.

McKie studied them carefully, happing a brill on his rage. There

were eight of them, so contained, so well schooled in Dosads selfcontrol So transparent to a Pedrikamplified McKie. They were four Humans and four Gowachin Overconfident. Joeth had seen to that by leaving no survivos. Agaith, McKie seled no awaken

that uncorrection presence. She would not respond. Have I only halft her out of my

There was no time for such speculation. Jedrik had made her choice on Tatalou. He had other choices to make here and now—for both of them. That abostly presence

locked in his mind would have to wait.

McKie punched the communicator which linked him to

municates which linked him to Boosy, gave the agreed upon signal. "It's time." He composed himself then, went to the door. They'd were no underlines. He

They'd sear no underlings. He give them that. But they addressed him as Jerkil, made the anticipated demands, glossed over the hold they ad upon him. It was only then that McKic saw fally how well Jedrik had received these people. and how the had played upon her McKic in those last houses together.

McKie in those fast hours together like an expanitely tased instrument. Now, he understood why she'd made that violent choice. As articipated, the members of the delegation were extremely war-

prised when Brocy's people fell upon them without warning.

For the Gawachin, to stand alone against all askersity is the most socred moment of esistence

- The Gowodin,

a fluidab analysis

The eight practions were damped on the areas flow, bound and shacked. McKer supped near them, waring for Ceylang to aerive. It was not yet down. The ceiling above the areas remained dark. As few of the transmitter system or weal that they were activated. More very correct and the best of the control of th

streaming in as word was passed. The judicial bench remained empty

The outer arraway was a din of containing accuming feros containing and going, people shouting orders, we clask of weapons, a serie of complete confusion them which it produces the containing the conta

their eyes, great papting yawns from the Gowachin. Micke looked to Boocy's people, the ones whe'd brought in the prisceers. He notified for the cappors to leave, giving them a Donald hasel signal to remain available. They left. Ceylang passed them in the ennomed will fastering her role. She

harried to McKet's side, waited for the judges to be seated before speaking.

What is the meaning of this?

My attendants...

Brocy signified McKie.
McKie stepped forward to address the bench, premed to the eight bound fusions who were beginning.

bound figures who were beginning d to stir and push themselves upright. d "Here you see my client." Parando started to speak but

Broey stenced him with a sharp word which McKie did not catch. It a sounded like: "fronzy." Biddoor set in fourful favorustion, unable to wrest his attention from the bound figures, all of whom remained riber. Ver. Biddoor would Bildoon was sharp enough to recognice that he was in personal danger Parando, of course, knew this immediately and watched Brocy with Again, Brony nodded to McKie

"A fraud has been perpetrated upon this court," McKie said. "It is a fraud which was permetrated against those great and gallenn people, the Gowachin, Both Pro-

secution and Defense are its victiess. The Law is its altimate vic-

It had grown much quieser in the artea. The observer state were commed. all the transmitter even alive. The faintest of dawn glow touched the tramisspent certifies

McKie worskernd what time it was He had foreomen to put on any There was a one behind McKie-He planted back, saw amendants belatedly brigging Anich uso the arena. Oh, yes-they would have

risked any delay to confer wish Arisch. Artich was supposed to be the other McKir capter. Too had that this Murray who looked like McKie was no longer the McKie Corberg could not hold her selence. She raised a tendril for amon-

"This Tribunal"

McKie interrupeed. pools. Only three He allowed them a

digest this reminder that Gowachia

trial formalities still deminated this arena and were like no other such formalties in the ConSentiercy. It could've been fifty judges up there on that bench. McKie had witnessed Gowachin trials where people were

picked at random off the streets to or in independent Such torists and their daties sentually, but their overs behavior could lead another Serriers species to question this. The Gowachin chattered back and forth. amanged parties, exchanged jokes, asked each other rode questions. It was an arcifest pattern. The invists

were required to become "a single organism." Gowachin had their own ways of rushing that process. But this Tribural was composed of just three judges, only one of them wights Gowachin. They were separate cetties, their actions beavy with manuscriums foreign to the Gowachin, Even Brocy, mirred by Dougle, would be unferribut to the Gowachin observers. No "unele organism" here holding to the im-

mutable forms beneath Gowachin Law. That had to be decely disparb ing to the Legams who advised Brooky leaned forward, addressed

"We'll discuse with the panal

arguments while this new developmeet is explored. Again. Parando tried to interrupt. Besey effenced him with a plance. He turned

"I call Arnch of the Romine Phylom," McKie seed

Cestage stood in must indecision. Her advisors consisted at the back of the area conferring among thornselves. There seemed to be a Afference of courses senere them

Arisch shuffled to the drath-focus of the arena, the place where every where we received to stand. He elanced at the instruments of main arrayed beneath the judicial bench, cast a wary look at McKie. The old High Magister sepregred harmed and enduratied. That harried conference to explore this development must be

Oceanchin McKic crossed to the formal post-

"Here we have Arisch, High Magazer of the Russing Phylum. We were told that if guilt were to be freed in this areas. Artach been that guilt. He, so we were led to believe, was the one who made the decision to imprison Donali But how can that he so? Artich is old. but he isn't as old as Dosadi. Then perhaps his alleged guilt is to be frend in concessing the imprisonment of Dosadi. But Arisch summored on agent of BuSub and sent

that agent openly to Donadi."

A disturbance among the cight shackled prisoeers intomigned McKie: Several of the prisoners the links of the shackles were too On the judicial bench, Parando

hasled him back Yes Paranto and others were recalling the verities of a Gowachin Courtainene, the constant reversals of concepts common throughout the

To be guilty is to be invocent. Thus, to be strangerst is to be earlier At a sharp command from Brocy,

the prisoners grew quiet. McKie continued

"Aritch, conscious of the sacred upon his back as a mother carries her tash, was deliberately named to been a sore trial to the old receive the pusishment blow lost that purishment be directed at all Connection excessibere. Who chose

this innocent High Marister to suffer for all Gowachin?

"Who are these Parando domanded McKir allowed the complete to hung there for a long count Parando knew who these cight

were. Did he think he could divert the present course of events by such - blurure ploy? Presently, McKie spoke "I will enlighten the court in due

course. My date, however, corner first. My client's improver corner "One moment."

Boory held up a webbed hand One of Ceylang's advisors butmed pust McKic, select and received remission to confer with Certains. A thwarted Parendo sat like a con-

A NIGHT TIDE



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detered mas wanting this convesation as though he hoped in the repriese there. Brildson had brazels forward, bond buried in his arm Broy obviously controlled the Tri tonal.

benal.

The advisor Legson was known of McKin, one Lugag of a middle, reputation, an officer in the Shouting Phylion. He appeared pole a though recently out of becoming Historical Conference on low and in the control of the control

The conference ended, Lagagharmed back to his companions. They now understood the sense of McKie's defense. Artich must have known all along that he could be sacrificed here. The ConSenters Covenars no longer permitted the audience had poured reto the area to kill with bare hand, and clares the invocess defendant. But let Aritch walk from bere with the brand of itencence upon him; he would not take ten paces outside the necessity of the branch of the paces outside the necessity of the branch of the paces outside the necessity of the branch of the paces.

There'd bean weered admiration the glance Lagag had give McKie in paving Yes may they understood why McKie has menouvered for a small and vulner with understand name.

The eight prisoners began a reof disturbance which Brucy silence
with a shout. He signalled for
McKe to construe
"Artich's design was that I as

our Dosadi, return and defend painst the charge that he had mitted illegal psychological experiments upon an unsuspecting pepfice himself for others.

McKie sent a wry glance at Aritch, Let the High Muriour try to ight in half-truths in that defense!

place was not unsuspecting. In fact, forces under the command of Keila Jodrík had moved to take onn-

rol of Dosadi Judge Broey will affirm that she had succeeded in Again, McKie pointed to the

shackled prisoners. "But these conspirators, these people who designed and profited from the Dosadi experiment, or-

dered the death of Keila Jadek! She was grandened this morning on Totalsee to prevent my using her at the recover mannest to never Artick's invocence, Judge Bener is

Keila Jedrik was brought man then arcra vesterday only that she might be traced and killed!" McKie eased both arms in an

closurest seature of cornelation. lowered his arms

Areth looked stocken. He saw it. If the eight prisoners denied the churge, they food Anteb's fore And they must know by new that Broes warned them Greenchiepitty. They could being in the Caleban contract and expose the body-exchange plot, but that insked having McKie defend or presecute them because he'd already locked

them to him as the actual client behind Arisch. Brocy would affirm this, too. They were at Breev's mercy. If they were Gowachieswifty, they walked free only hore on Tandaloor, Ismocest, they died As though they were one or-

gorism, the eight turned their heads and looked at Ariah Indeed! What would Arisch do? If he served to sacrifice himself, the eight might

Cryding too focused on Aritch Around the entire areru there was

a sense of collective held breath McKie watched Ceylang, How candid had Artich's people been with their Weener! Did she know the full Douad story?

She backe the stience, exposing her knowledge. She chose to aim her attack at McKie on the wellknown dictum that, when all clus fuled, was send to discredit the on-

"McKie, is this how you defend these eight people whom only you name as client?" Ceylang demended Now, it was delicate.

Boory go slong? McKie countered her probe with a countion of his own?

"Are you suggesting that you'd presecute these people?" "I didn't charge thera! You did "

"To prove Arach's innecence." "But you call them client, Will you defend them?"

the attent decreasy. They'd seen the trap. If McKie accepted her chall letter the judges had no choice has to brone six ciets into the arena under Gowachin forms. Ceylang of prosecutor against the eight She'd said, in effect, that she at

firmed their guilt. Doing so, she but her case against Aritch and her life was immediately forfer. She was caught.

Her eyes allinored with the un

What would McKie do? Not yet, McKie thought. Not yet my precious Weester dame He traved his attention Paraesio. Would they dare introduce the Calchan contract? The right prisoners were only the exposed top

of the shadowy forces, a valnerable tip. They could be sacrificed. It was clear that they are they and didn't the it. No Gowachin Mercas bere obility. They loved life and inpower, especially the ones who were Haman flesh. How precious life must be for those who'd lived many lives! Very despense, indeed.

To McKie's Department eyes, it was as though he mad the prisoners' thoughts. They were sufest if they remained silent. Trust Parando. Rely on Bosen's enlightened greed. At the worst, they could like out what life was left to them here on Tandaloor, heering for new hottes before the flesh they you were run out of virging Avlong as they still lived they could hope and scheme. Perhaps another Caleban could be bired, more

Picharkys found Arisch broke, unwilling to lose what had almost been his The High Magister's Tandalogr accent was hourse with protest. "But I did supervise the tests on

Desadi's population' "To what tests do you re "The Dosadi . . . "

Areach fell silent, seeing the trap More than a million Dosa-Generation already had left their planet. Would Arisch make targets

of them? Anything he said could open the door to proof that the Donadis were superior to ron Doradis Any Generalin for Humun, for thus matter) could well become a target in the next few min utes. Our had only to denounce a selected Haman or Gowarhin or Donalii. ConSentent fean would do the rest. And any of his argaments could be directed irro exposure of Dosadi's real purpose. He obviously saw the peril in that, had seen it

from the first. The High Magister confirmed this analysis by glancing at the ferret Wreaves in the audience. What consteenation it would create among the secretive Wreaves to Itam that another species could managerade successfully as one of their can't McKie could not leave more's where they stood, though He threw

"Were the original transporters to Dosadi approved of the nature of the project?"

"Only skey could restify to that " "And their momeries were crued. We don't even have hopen-

cal testimony on this matter " Aritch remained aftern Eight of the original designers of the Dosafi project sie near him on the arena floor. Would be decounce them to save himself? McKie thought not. A person deemed canable of perform-

ing as The Mercy could not present such a flaw. Could be? Here was the real point of no return. The High Magister confirmed

McKie's sudgement by turning his back on the Triberal, the area old Gowaches pesture of submission. What a shock Arisch's performance ment have been for those who'd seen him as a possible Moug. A poor choice except at the end and that'd been as much recognition of total failure as arrething cive.

McKie waited, knowner what had to happen now. Hose was Ceylang's moment of suff Brocy addressed her-"You have suggested that you would prosecute these eight pris-

oners. The matter is in the hunds of Deferse Legum." Brory shifted his gaze.

"How say you. Lesson McKie?" The moment to test Brocy had come. McKie countrant such a

CONTRACT "Can this Courtagens suggest another disposition for these eight

Coylang hold her breath.

Broev was pleased. He had triumphed in the end over Jedrik.

Brocy was contain in his mind that ledek did not occupy this Legum body on the arena floor. Now, he could show the puppet masters what a Desadt-born could do. And McKie saw that Brock intended to move first much faster than anyone

Anyone except Jodrik and she was only a silent (memory?) in

McKie's awareness Having given the appearance of Ashberston, Brocy spoke

"I can order these eight bound over to ConSentient whicktion if McKic agrees."

The eight stirred, subsided. "I agree." McKie said. He

glanced at Ceylang. She made to protest, seeing the futility. Her only hope new lay in the possible deterrens presence of the ferrest Wester "Then I so order it." Breey said.

He spared a triumphant glance for Parando "Let a ConSontket perisdiction decide if these cight are guilts of murder and other conspi-

He was well within the bounds of the Countries between the ConSon. tirecy and Gowachen but the Geworthin members of his audience date? like it. Their Law was best! Angry whistlings could be heard all pointed at the instruments of each arrayed beneath him. Gowachin is the audience fell silent. They, better than anyone, knew that no person here, not even a member of the au-

dence, was carride the Tribunal's power. And many understood clearly now why those bloody trook had been displayed here. Thoughtful people had anticipated the problem

of keeping order in this arena.

Responding to the silent acceptance of his authority, Brossy sank

back into his sent Parando was staring at Brocy as though having just discovered the

presence of a monster in this Gowachin form. Many people

would be reassessing Brossy now.

Areach held his attroude of comolete submission. Ceviane's thoughts almost hum-

med in the air around her. Every way she turned, she saw only a tasely of usmanagoable sendeds and a blocked passage. McKie saw that it was firme to bring matters to a head. He crossed

to the foot of the saficial beach. lifted a abort some from the mateumeres there. He brandished the writed, razor-edged weapon.
"Who sits on this Telbung?"

Once, Aritch had issued such a challenge. McKie. reneating pointed with the spear, answered his

"A Gowachin of my choice, one supposedly wronged by the Dosadi. Were you wronged,

McKic faced Parando And here we have a Human om Littet. Is that not the case, "I am from Little, yes."

11000 71

I am prepared to bring a parade

of watersace into this arena to tesify as to your occupation on Limit. Would you care to state that occu-

"How dare you question this Tri-Parando glared down at McKie,

"Answer his aposton."

It was Brock Parando looked at Bildoon who

self sat with face concealed in his sees. face down on the bench conthing about the PagSpechi reselled Parando but he knew he had

to have Bildoon's vote to overrile Brocy. Parando redeed the PanSpechi Inert flesh rolled away from Parando's hand.

McKie understood Facing doors, Bildoon had represent into the critche. Somewhere, on unerround PatSpecks body was bring reshed into acceptance of that

enshed identity. The emergence of a new Bildoon would require con-udenable time. They did not have that time. When the cricke finally brought forth a functioning persons it could not be heir to Bridgen's old

persons in Befah. Parando was alone, earnoyed He

steed at the spear in McKie's book

McKie favored the areno with a vectore plance before speaking once muse to Parando

"I cases that renewand expert on Gowachin Law, High Magister Arich 'ConScattent Law always reakes printecraes of its practitioners. Gowachin Low stands beneath

that errerasion Gowachin Law asks: Who knows the popula? Only such a one is fit to sadge in the

Countagera.' That is Gowachin Law according to High Magister Article That is the law in this place." Again, McKie gree Parando a

chance to speak, received only si-

"Perhaps you are truly fit to adan here." McKin suggested. "Are you an artisun? A philcoorder? Perhans you're a hunerist? An arist? Albh, muybe

who tends so automatic much Paranto managed ofent, sand locked on that spear "None of these?" McKie asked.

"Then I shall supply the answer You are a professional legalist, one who gives legal advice, even to ad-vice on Gowachin Law. You, a Human not cover a Legum dury to

nesk of Gowathin Law?" Without any muscular warming sirrol. McKw leaned forward harded the uncar at Parando, saw it sagged out of sight behind the

strike deeply into the man's chest. One for Jedrik! With a bubbling gaso. Parando

Bency, secure the flash of secon in McKie's effort, touched the blue have an front of him

Have no fear, Brosy Not yet I sull mond time

But now, more than Boxes know it was really McKie in this flesh. Nex Jedesk. Those members of the shadow force watching this scene

and able to pick would make the espected deduction. Only McKw would'us known Parando's back ground. They'd trace out that mistake in short order. So this was McKie in the arrent But he'd left Dosadi. There could be only one

eclusion in the plotten' minds. McKir had Caleban Acts! They had Collebans to fear.
And McKie thought. You Asse

only McKw to fear He grew aware that greets of Cowarbin approved were sounding

all second the seens. They accepted him as a Legum, thus they accomed his serverere. Such a rador deserved killing Arach set the precedent. McKie

Both had found an approved your to kill a flawed sudge, but McKic's act had eiched a Gowachin prece-

dont into the ConSentient legal amework. The compromise which had because Governor and Confortient Law into the Coverant of shared memoralistics for the case in this arena would be seen by the Gowachin as a first long size toward making their Law supreme

over all other law.

Artick had half turned, looking toward the bench, a glittering apornital in his eyes which said the Gowachin had salvaged something

ere ofter all. M-Kir strode back to confron Cestang. He faced her as the forms ensured while he called for rules.

"Parado"

"Autgement for Defense." The Dougl accent range

member of the ConSentency which dired permit a victim to judge thou accused of victimizing him, had re crived a wound to its pride. But they'd also received something they would consider of snestrouble volue-a footbold for their Law in the Conference often a memorable court performance which was please

flytoree of Cevines, extended his richt hand straight out to the side. rein up "The builte "

Attendants scarmed. There came

the sound of the blue bes being opened Presently, the knife hundle win starred firmly unto McKer's palm. He closed his fineers around ir. thinking as he did so of all those countless others who had faced this recepting in a Gowachin Courtieona

"Crylang?

McKst saw the ferret Wreaves. the from their was as one person. They stood ready to leap down into the stena and average Ceylang no matter the consequences. They could do nothing else but carry out designed for them. Few in the secta

had misunderstood their presence hese. No master the measurement of the wound, the Gowschin did see suffer such things gladly. As odd look of commatene

nassed between Ceylang and McKie then. Here they stood, the only two non-Granchin in the CorNecticut universe who had passed through that peculiar alchemy which transof them was supposed to die inmodiately and the other would see long survive that death. Yet, they understood each other the way siblings understand each other. Each McKie street to within striking

Sieraly, deliberately, McKie exregion the six of his blade treated Centere's left itred, noting the minud pocks of her mind exchanges there. She trembled but remained firm. Defits, with the swiftest of forking motors. McKir adder enother mock to those on her left

The ferrer Weeners were the first to understand. They sunk back into

Ceylang gasped, touched a tendral to the wound. Many times she had her or free by such a wound moving on to new alliances which did not completely sunder the old

For a moment, McKie though she might not accept, but the incountry seemly of approprial all around the arena overcame her doubts. The noise of that approval

climbed to a near deafening cresomdo before subsiding. Even the Gowachen seined this How deaths they loved such legal mances!

Pitching his voice for Crylana alone, McKie spoke.

"You should apply for a position in BuSab. The new director would look with favor upon your applica-

"You?" 'Make a Wreave bet on it.' which passed for a smile among

Wreaver, spoke the traditional 'We were well and truly wed "

their unique elementus McKie betrayed the extent of his esteric knowledge by producing the cerect response.

"By my mark I know you." She showed no surprise. A good brain there, not un to Dosadi ston-

dards, but good. Keenere a firm lock on his emodoes (the Dosaft in him beloof).

McKie crossed to confront Artich. No response: "Client Arrich, you are inno-He glasced at Brocy who, true to

McKie displayed the fleck of Werese blood on the krife on "The forms have been obeyed and you are completely exonerated

I minimize with all of those who love

At this point in the old days, the jubilant audience would've follen on the hapless client, would've fought

for bloody scraps with which to number through the city. No doubt Artich would'be preferred that He was a realitionalist. He confirmed

"I am glad to gett these times. Mike"

McKie mused aloud "Who will be The Mrreg now

that you're . . disqualified? Whoever it is. I doubt be'll be as good as the one he replaces. It will profit that next Merce to reflect upon the

frautic and fugitive value to be gained from the manipulation of Glowering. Arisch termed and

shambled toward the doorway out

Some of the Governtin from the suffered already were leaving, no ude. McKie had no dourn to wit-

ness that remnant of an ancices rhus). He had other concerns Well and truly wed.

Something burned in his eyes And still be felt that soft and slove. ing presence in his awareness.

his day as a judge, would be the last to force the areas. Broops sat blatchy contemplating this place where he'd displayed the first designs of his campaign for supernacy in the ConSentiency. He would accept moting loss when of his own death. Those shadowy good poil masses would be the first to

feel his rule.

That fitted the plan McKse and Jedrik had forged between them. In a way, it was still the plan of those who'd bred and conditioned Jodrik for the tasks who'd performed so ex-

quistibly through that floor travelses, faceless Dasades who sood in gloudy rakes bottle doubt about in gloudy rakes bottle doubt with her videoc of body-exchange all around, they'd judged that so be a deally closer-bid conservation of coincires, intend, bey'd usual sperin and ora, always seeking but a support and ora, a laways seeking a support and ora, a laways seeking and part of the property of any and bower, the floor, the angleted. And they disasted the uncharactus corporage to timestal the Patharys of their words, near-

any day day doe not meet man parable. It was well that this emplosive wcee had been kept here. McKie felt practic to Ceylang. Shi'd known, but even when it might've helder her, she'd tremsand silent. Bukha would now have time to forge ways of dealing with this problem Ceylang would be valuable there. And perhaps rece would be learned dozer Paniscochi. Calchem and dozer Paniscochi. Calchem and Taprisots If only Jedrik . .

He felt a furthing in his memories.

"If only Jodrik wto?"

She spoke laughingly in his mind in as she'd always spoken there.

McKie suppressed a fit of trembling, almost fell.

bling, almost fell.
"Careful with our body," she said. "It's the only one we have

said. "It's the only one we !
now."
"Whose body?"
She curessed his mind.

"Ours, love "Was it hallscitation? He ached with longing to hold her in his arms, to feel her arms around him, har body pressed to hem. "That's lout to us forever, love.

d but see what we have in exge change."

be When he didn't respond, she

m said:
"One can always be watching
while the other acts ... or skeeps."

"But when are you?"

"When I've always been when
to we exchanged. See?"

"He felt her parallel so him is the

all shared flesh and, as he voluntarily down back, he came to rest in contact with their mutual momories, it still backing from his own eyes but a ware that someone clie period out of there, too, the someone clie turned in this body to face Brooy.

Fearful that he might be trapped here. McKie almost pusicked, but Jodnik gave him back the control of their flesh.

"Do you doubt me, love?"



she could hade from him. He knew how she felt, what she'd been willing to sacrifice for him. "You'd have made their perfect

"Don't even suggest it."

She went pouring through h
arens memories then sed her joy d
lighted him.

ful! I couldn't have done it better And Breey still doesn't suspect." Attendants were taking the eight prisoners out of the arena now, all of them still shockled. The audience benches were almost empty. A sense of joy began fibering "You didn't lose as much a inch " "And I gained more."

"And I gained more." McKe permitted bieself to sta

downchin judge with Dosadi vys and two sets of awareness. Aftisis and the eight accused of manda were things of the past. They an many others like these would be tailed or powerless before surphistend on the past of the past. They are the speed with which he intended cit. Supported by his neope of citils chosen mides, Brosy would continue the power, conpositions lines of control in the



he covid touch. He befieved Jednik dead and, while McKie was clever, McKie and BuSab were not a permany concern. One struck at the reaseas of power. Brong Dosadt. Brocy could not act otherwise. And he'd been almost the best his planet had ever produced. Almost Lednik arthus chantide.

Yes, with juggressat certainty, Broxy would enake a single target for BiSah. And ledrik had refined die sitsalation pattern by which Broxy could be autoripated. Broxy would find McKie watering for him

abilities were amplified by the opeperson superior to Broey that Dosadt had ever produced. Standing there in the row silent

When will Brory realize he does our work for as?
"When we show him that he

"When we show him that he field to kill me!"

wachin feems, without any sign the paired thoughts course, ough his mind, McKin bowco, sand the sarviving juest, terned i left. And all the time, Jedrik thin was planning plot



AT LAST, a few moments of free time to devote to my novel. Where the shambling, exill Earthman. The aken creed.

where you stop. John Gorman! You shall not have our planet's from-

I'm really in the amove new This souff will win a Hugo. The cowardly human cringed at the sight of the Hamilton-Grzzaye

alien, vir. Only-"

"Only I must find the bethroom " Marknoom?

Look what you made me do! You've blown my concentration all to hell! How can I work with you mediously inserting woods like that into my pressous prose?

Alter. But let us not get ther present about your toon your phone? Do you realize that Jim Bacn has been trying to get in Don't presented my flow. Gain.

touch with you for a week?" I thought it was Reger Elwood. subine for a job as assistant of Alter Fen Publication "You were wrong Jim finally

ad to call me and ask whether you were still above or not. He seeds another column for Galary, and it is your responsibility."

show how really fine stuff can be! You! The readers will love it! Gris, who is that person who is hidne behind your back? Who have

I know, I know . . . Alegen, I'll

you brought down here to inflict

"Who? This person? Oh, this is an admirer of yours. After, A some enthissast. He prevailed upon me to let him come down here to meet you. It was incytable, you know,

that sooner or later even you would A fan of minet Well! Stand

soils. Con. Let's get this over (A few silent seconds pass.)

Well? Why don't you run scream ing? Why doe't you turn rule and 'Mr. Alter Ego, sir, I love your scratchy voice, and the way you

choose your words with such care and curries. You're the first thing I listen to every time your column appears in Galace I get a great kick out of your fights with Gers." Yesh. Ges sets a kult out of

there, too. Don't you, Gen? GEIS? Where did he slip away to? "He said he could only stay a mature. But he'll be back to guide me have in the surface in a short

white."

with you, half Well, what do you or right on it. I know what I'll doll "Il complain about the mor quality "Just to listen to you, and maybe of most of I read, and then I'll point merview you for my group the opening chapter of my novel to

about time I was interviewed! Geis'll be insure with icolousy. Sure man so shead and say parations. I have to admire your puts, most people, even hardcore sf

fans, turn queesy at the sight of my after years. And I look even worse today because I haven't shaved my tendrils or sandpapered my pseudopods for a week. That, combined with my icky green scaly skin . "Oh, that doesn't bother me a

L. I can't see you." Bud eyesight? Let me dial up the mo a bit more. mone's belo I'm

Uhh? Aww Come on! If you're blind you couldn't read dary. You couldn't send my col-

"I don't mud it with my man. I read it from lutering to a casseme. Galary is provided to amighted prople on constant by the I be of Congress "

it is? See of a givech! I didn't "Oh, wes Golary is the cell of magazine that has permitted itself to be surprised at how many thousands

of face you have among the unsubsed. Mr. Alter." Thousands?

"Unrohmn There's a great hunger among the unsighted for science fiction and fantasy. The problent is there's so little of it on tape and recents. And we can offered so

few of the commercially produced Bems." I know what you mean I try buzging Gob to buy a few funtary

money. The only things of that so ture we have in the archives are "We were wondering if there are any fans or fan prosps out there in the sighted readership of Golass

who perhaps carry on discussions of science fiction and fantacy on £45581985----11

Yeah, yeah, seems to me Goss recentered there was a casserer fandom in existence a few years 200 ... Might still be active. He couldn't remember any names or

ablesses. through, and his records are a shambles. "Wo'd love to be included. And if it were at all possible, maybe some fan groups could organize re-

cording sessions and put the best of and famous on country." That's a good idea. There have to be lop of fans with good diction, good veices, a flair for dramatic reading, who would love to go that Clab reserve Constitution with

other clubs to avoid duplication of recorded stories "Wouldn't that infringe on auther's rights? We wouldn't want

I doubt there are any writers, especially of and fastasy writers. who would object to having their stories taped for non-profit distribution to the unsighted. I'm sure

they'd be flattered and proud to have their stories chosen But you're right to most the point There would have to be a central clearing house, a coordinating center, to organize things and not people in contact with each other. I would suggest Gess, but he is so hour with Screene Firtum Review he'd have my head on a planter if I

"Maybe--"

and so saddle him with this I thirk this is a job for Jun Barn!

Ahem. Yes. Alter. It hanness

that this very subject come up two itsues back in "Directions." Oddly cassigh my pristincly harmon brain run in channels not dissense to theor of your weirdly olien ... cr. it is a brain, is it not? (I've never hern party clear on that asint I In

any event, I think the simplest course would be for me to repeat my remarks in the letter column nerhoten: I have recently learned that over

10% of Galaxy's "readers" are sightless, or meanly so. I also feprond-form and-that among Galaxy's sighted readers are some of the most warmly enthististic and giving people in the world. It strikes me that this is a sensp. I propose the Ghery act as a clearing-house between people who would like to provide science feation-oriented services for the applices and those who would like to receive such ser

WHAT
The services whight include carriering at conventions and so fair club
serving, reading, softer "like" or
site causeries, before 30 orquiori (role roads) probably only the found
straight of the probably only the found
straight of period (regelver with a
supplied 'availabley' to provide
reading, seasors and whatever disthese could provide a overy precision
service by arranging with their pubfinites for personaurum to de midglier
causerie restordings of wheir words
probably the probably and the probably
control to provide the probably of their words
probably the probably the probably of their words
probably the probably the probably of their words
probably the probably the probably their probabl

"Clearing-boate" role: Galaxy will only be able to carry the burden for a livered time. Perhaps some fan clab would like to offer its services for Max."

least a morth before reading inquiries. Those misting to industrier should write attendiately to: Golary Magazine Volunteers NY Star 418

Planesarium Station New York, NY 1002

Okay Now, fan of

SCIENCE FICTION REVIEW

真的氢

In Informal & Impresent Science Fiction & Fentery Journal Edited & Published by

Kerk.

Rey's possible conflict-of interest as book reviewer for Analog.

lling diery, "Allen Thoughte."
In Hand for the AUGUST leeue
"An Evolution of Conectoue
nese" by Merion Zurmer Brad
ley; end "SF end S-E-X (Or Vite
Versel" by Sem Merion, Jr.

Set for NOVEMBER: A ren Interview with Jack Vence.

Quarterly/semple \$1 year \$4/ten years. \$7

manioned wasting to do an interyew with me? Why not now? Go meht about and ask question especially now, with Gess out of the way.

"Thank you, Alter Umm These is some curiosity about how you came into existence. Where and

how were you born?" I was been on the fifth states Goorf, of the Zirb system, about shiev light-years from here, as the But they I was been like any other careabase of my race from largue deposited into the abdomen of giant

prowing strong and large as I are. of course, and was "born" on a dark and stormy night. Ah., yes, I remember it well

"Then how did you come to Earth and . . . inhabit . . . Richard Gen's mied?"

I welestered for a space

mission-exploration . . . Oh. hami I'll tell you the grath. I was therein itto a warper and exiled to this Kaku-forsaken planet. They just dialed at random and there the of an assessmation of one of your leaders and had to discorporate in-

was all I could do to keep my stoms together. I was sucked thousands of miles into a montal vacuum, and when I finally rolled my remaining essence together I I've been here over since, enowing stronger and stronger

"Why west you exiled?" That I will not sell you. The crimes of Greef do not relate to

human crimes "What are your plans?"

Shon-range, I want to throw Gets out of this body, make some radical changes in the organs, and become a male pomo star Long-range, I

want to take over the world. Since my normal Inforpan is 790,000 of your years, that will become beeing after a few thousand years I'll

probably my so bribe my way back into Gaerf society. "Can you make Gras's body last so long?"

Ob, no. That's part of the drag of from on this ridiculous plant I'll have to body-hop every few de-

"Abh. Mr. Alter, there is a problem ... How is it Mr. Geis can be absent, while I'm apparently talking I have the power to cloud men's

minds. I project an illusion. At this moment I am actually in Geis's feeble brain, and you are ballucinaring under my direction. "That makes me feel . fams.

"Are the orchives mal?" After a fashion. We are in Geis's basement, converted to offices and fined with shelves. This place acts.

ally is a mess? You've despoyed a good many illusions, Alter Are you telling me Which part?

I won't tell you that. Are you through interviewing me? Any more

"Yes, there are a few more

No. of course not. Well, yes,

puestions. Are you going to ever publish a magazine all by yourself. without Mr. Gen?"

Yes, if I can ever get Gets's affairs and work babits organized for

greater officiency. I plan to publish my gwn science flotion and fantasy.

For adults only, of course But that's at least a year away

"What will you call it?" 1 think Irresponsible Science Fix-

gion is a good title. Countercounter-counter culture of for hope-

less iconoclasts "Could you give us on example"

I like the story of the hope Barbarian who arres the beautiful maiden from the wicard, and taken

payment for the rescue in money and sex. He doesn't believe in riskme his neck for nothing

'That /s prevolutionary Any other ideas for stories?" Yes, the story whose receive in

that Earth has never been visited by alives or sweeps, and that the phynometon we experience now and have in the past, is only a dis-

Earth—cockronches "Anything che?"

Well. I've tracel with the idea of a story about a man who proves to THE ALEN VIEWPOINT

manked that they can rever, ever get something for nothing. For this sin he is tortured to death by a harde of enraged politicisms "Do you think your managine would be very popular"

No. it will have a very firmed "How lone do you expect to write this column in Galary?"

"Thank you. Mr. Alter."

You're welcome. Ab. I see Geis returning to take you back up to the

"Alter, I just took a call from President Corter. He wants you to

come to Washington to accept an appointment. He wants you to be available as an official ambassador to any and all aliens who haroen to

said or be discovered, during his mire or horn of office " Tell him so, Gris, I become to know the Denebiam will be visiting

the foundoor peasets with leas It'll be a very senfortunate score. Now. well were take this exotlemen hark up to the surface and leave me be to

"It's your column." I'm glad you finally accept that

'De Farthman was misses. dendered. He only wanted to go to

Yes ves Hram Now

if he wears a spacesum with a relief tube ... Bathroom? Darre you, Arsen Darnay

Pheromonal Fountain



Would you agained I have been activated attu's palse deep inside my cost once more. Out of

size my com once more cur or storage chamber I step into the light. I'm off on another assignment.

My same is Friday Sometimes I know precisely why they call me

that accretions it is more obscure; is all depends on how I'm programmed for the work about. This assignment should be some kind of gara. I feel limb in the way of data in my cost. But taken makes up for

lack of information.

I make this record as I speed away. A miss-device implanted in my sphenoidal sinus receives my frought projections. I have limit use for situacs. I am a surrogate, of

for situaes. I am a surrogate, of coarse, and what with my other superior powers, who seeds a none? This world so full of sunshine, so a-throb with huanting vibration, in that of the 21st cornury. The background tells me that we're sivilized, see this con-

Technology reasons up like a miniwave. It's still up there, that wave, holding, holding—but any minuse now is theracens to enguilf the harman world.

Crime's rampant, says my proman. Not enough agents to step the Religion, mores, ideals—dead and disst. Competition variates. Govcemment paralyzas in its paralysis. Developed najotas chew the edges of our Overdeveloped shores like locusts. Pretty scote—so more America. Not easuigh people hore, soo many people them. "Mass balance" is the political slogas, meaning the people should be mail-

meaning that people should be realing habes in this land, not riveting with sampates. But that program lacks political appeal: people love the samogates; they live inside bordello domes.

I note the table train out of sam-

shine into darkness, away from Praerie Pheorix Institute, old PFS, my resting place between assignments. It's good to be alive, good to get away.

•••

my impliciality circuits. Why is

Sanfield on this train? Is he on the

same assertment I are on? Doesn't

The nite trails settles in its downward rule through plasma-curved intensis in which it plates on shown of air. The light that distanced during our needly start contension and the light content of the light content of the light content of the light content of the light content away and to my right, I justifying Barfarld Boom the Instance. Sooing Barfarld Boom the Instance on a good out, I might del Loss and that old 75% starts storing to and that old 75% starts storing to

PPI must Priday to do the job alone? Bustield causes a burning sensoriou in the membranes of my nutrions bladder He is a repulsive surrogate of the aggressive, bold variety called

"Tanker," the first successful male product line United Ferns and Dolls crash into Masculinity and try for a since of the middle-aged divorces

He has a long face, thick sideburns, and lips that the ads call scenares but I'd call level. The simulated leather suit he wearn

suggests the joys of being whipped with thorax His exercic short in open at the neck, half unbuttomed. You just know that Busfield lower those simulated cuefficues of protein on his chest.

He restends he doesn't see me-We're not exactly sood motes, he sed I. but I'm a senior secret and won't be sproved-not by a recent acquisition.

"Basfield," I call "Which was ven braded?" "Ob Bridge Htt " He correlated

surrene. "Out." he says and waves a hairy hund. It's a rule at PPI not to talk about oxigements, a rule we honor in the breach Not Busfield He climas to that transcorry. He must be up to une No Good. His background program comes from UFD and face're known for their whopping rangeriees. But I won't press the

hand by way of saving See you ground, and he takes his cue and dives into a magazine I guess I'll follow sate. I prach into the front-seat pocket and fish out a copy of Chroson I know from past activations that Chrones has been rampeging

story I like to follow, and this time too I am rewarded. Once more Chrones is on the attack, filting against the sexual decadence. The cover person is a gross-fat woman rogate, the She owns and rues the Vegas Pornerama, the nation's breest bendello dorre, a ninehundred acre island of delights

amidst the desert sands. Htm. This is new At Pornorama, it says here. no human being has over refused the come on warble of a Marress or a Back. I find that odd. Something faccusates me about the story, and knowing that I've got PSI. I click on a concentration lock

and dig into it deeply. And the real from I know-surfacing from the murkraking account Barfuld has draggeared I have no nasal circuits but

acceptaless-methicks I smell a strunded whole PPI programs its sorets saseriatizely. Exceptions has its someficance

I lean back, close my eyes, and start to think about my assignment, which is with the FBI, details unknown. My storage is rather skimen-inell maraline. But I know this the "highest levels" in that servicy called Dr. Trabete, our president. They asked that he send them the very best agent money could lease. Me, of course. I am to help a certain Bad MacGure. agent-in-charge of something called Project Evacuation.' MacGuire has been working on the case for several morths without success. I'm thinking Won't he be just liching group to see me?

The train rides on.

Nooresh at last and I arrive in Washington, D. C. The metro whicks me to a spot outside the FBI building. I look at it from across the street. The structure survives from the 'toubled century' and looks like a triple-decker brick on legs. My scubetic circuits turn off in her-

rified registers Two higher-ups receive me. They wear blue suits and look ables. They treat me like-well, like higher-upe treat surrogates; burely. I'm not asked to sit. One man reaches for a telephone and dials MacGaure Invitra him to have lanch downsture. in the basement Intravenous, "Want you to meet someone," he sells

MacGuire. "Ten minutes?"

Downstairs MacGuire takes one sees. His over and face to little on the ruddy side) say he is expecting trouble-and trouble comes.

look at my and dislikes what he

in, the older of the higher ups the has folds in his stumpy neck), starts tone too gettly, saying.
"Project Evacuation isn't doing much, MacGuire. We figured you needed a little help. Friday here is

YOUR NEW ASSISTANT And that's the high point of the

introduction—all downhill from

Laper, after the higher-and base left. MacGuire points at index fin-

ger at me in the ball, and though the finger pumbles, I notice that facGuire chews his nails "Listen, you." he says, and a bloody ear states menacinely, "no

clackering surrogate's goens be my assistant, no matter what they say." and he hooks an angry thanh to-word the ceiling. Six hours into the assignment, and I'm really strarring with the

client's man; we're pull, pull, pulfine down a pair of rails that aren't perafici. "Call me your contractor, then,"

"Don't sey tell me what to call

you," he says. He stalks away, leaving me stand, but I follow him thinking that I'm as good as he is; more un my eyes are buby blue, glistening aubum my hair I'm a souped-up Model "Boss" modified in speech and manner to pass for a man any day. No "clackering" whatever, brothers. Nor am I projudiced, nor will I die Sweet Manson! I'm righty-five percent organic, but try telling MucGure that! At least when I am programmed, I know it.

He disregards me when I carer

He dioregards me when I came the office in his wake and seat myself on his utilize-thing. The charturns out to be equipped with little farting horns: a practical joker, this MacGiure. He crears with lengther, his face tuens purple, he slapp his keee, he pounds the dealt. I recognize the type and know that he will be steer friendly now that he will

named income, and so it is "All right," he says, seigning coars from his eyes, still checkling. "All right Pristry, is that it? Nice name for a surrogue. Tell you what, buy I'll get you next door and you can beef yourself—if you know how to time a self-surround."

Two hoves laker I'm will at it, fouth time account and note with superfice that my notificational proparating on this assignment allows no experience despair. I'm betsoring in the stoff. If I had fear glash, I'd shad some bracklain.

MacGaire comes in, learn against the door post, arms felded account is chest. He moves up and down createlying its back on the door

"Your best bet. Friday," be says, class pointing to a flash chart of U.S. critics on the surcost, "is to be there next from they bit." where they'll hit, can you?" I ask:
"'Of course not. If I could I'd
move right in and stop it just like
that." He snaps a finger
"If you can't, what makes you

"If you can't, what makes you think I can?" I ask. And I wonder, at the same time, why PPI has programmed me so gloomy.

grammed me so gleomy.
"You're my high-powered assistant, ais teha? You'll figure out a

MacGuire makes a noise that didn't come from his inflato-chair, grins, and leaves me to my mis-

I work the streets of Washington

are most extensive an entire production of the control of the cont

saburbs. I understand Godzilla bad

to swim the Pacific after three con-

if across the moran satk during em.

head—it can't help being a monster and it's far from home Over near Commerce a pesky smog pocket has brought six oxygen

uses racing and more in where such and bubble belivers are hunding I don't need air but take a thing sorway. No seed to advertise me

Near Justice I pass sinteen shares-headed brettern of the

Douth - to DOT multiformite. Darceocurbora - mercury - phosphotes - asbestos - and vances plantics Association

It's so old-finhsoned, traditional group whose name has not knot nace with issues. They're charries "Death to Caralofoam" while herdity in their midst a group of

materias (for demonstration.) suppose)-slavering people whose acts such uncontrollably, whose stringly necks both, whose work resembles that of people suppling over huge, invisible craces with one lee. The beethers keep the mususess in line with NP (for no quit) confe products the latest owners from Brazil

quiet botcl. I need to think: Then at Lafayette Square I suddealy stop I see the frontiers a stony groove-chick representing America (I guess) lifts a blooding. kreeling little man in stone pyratting

and a stone bamboo but-memerio to some lone forcetten war. It's not the war that interests and but the foundate. Every time the THE PHEROMONIAL FOUNTAIN

struck thus far, a fountain has been avolved. Fountains, I tell myself. That's it. You've got to watch the fountains in the other they haven't

And now it is several days later.

I am in Komus City, yast off the Plans andred on a bench. I watch a

I've been sitting here for three days and those mights, ancounter in my vigilance. If surrogates are capable of madness, I must be posttively nativeg.

What makes me think they'll strike in Kansus City? Nothing, But I've got PSI. And the pattern of post strikes has been random. I asked my own randy-disc to pack a city it picked Karsas City, and consequently here I am. And I am here specifically because this is the

only founteen over a rich and foshsociable shopping center.

Evacuation works like this suddenly and without woming, all the Egyzech idle statesoring I need a people in an area will steet to head with untente instruct toward some

riveting fountain. They steed and stare and mill in a date for several boars on end. And even after they shoke off the puzzing fascinator, it usually takes several hours to untangle the hin-denburg ness.

Messabile of course unch-

empty stores and banks. They make off with each and jewelry by mingling with the crowd. Or that's the

hoory.

Post-focum analysis has revealed nothing so far—though everything has been analyzed: fourname, airs, waters, and selected possesses metabolisms. Traps have been set.

metabolisms. Trugs have been set, entergoncy procedures formulated But the authorities have failed to cope. Cops flown or driven iaro emptod areas—with or without gas makes—are possessed by the same fountain urge and quickly leave the

recision ups six epickey seem solution to just the problem. It's dark. I sit. The fifth gayne has just approached me and bore told to blow a balloon. I swum in a Pacific of prognammed depression as and Godella of a secret agent. Did Dr. Trabole means for me to fell? This sin? that me in the feast.

Then-action, at last?

I spot a little man. He comes in a splattered all-over suit corrying two buckets He wears—yes, man! He wears hip boots.

A cold cigar is comered in his mouth and a floppy pier of an activity bered sats on his beaud. He chirals into the fountain, avosding the sports of bottom-lighted water (green, orange, red). And the next firing you know, he is seated on a delphin's both and is passing the head of an up-rearing hosse with a kind of white discoloration.

Interesting. My chronomat says 22:30. I rise and approach "Hey," I cry. "You there. Sir." He looks at me. "Yeah?"

He looks at me, "Yeah?"
"What're you dong?"
"What's it look like?"
"I don't know," I say—and I re-

"I don't know," I say—and I really don't.
"Look, man, leave me be. I've not work to do."

"But why are you painting the home?"
"Because I've got a contract,"
he says, "Okay? I've got in right here." He slaps his chest. "Every-

thing all square and squared New pairwrist."

I persist. "Ecouse me, but could you tell me the reason" Why would the city want to point a perfectly fine piece of sculpture? And why in due apone when?"

The little man is irritated. He puts down his brush, clamps down on his cigar, unstaddles the dolphis, and openes toward me, load low. His face turns grees, orange, and fleally red as he passes over zones of underlughting.

"What are you?" he asks. "A surrogan or something?" I say, "Don't be silly," and don't even blash.

"Look," he says, "this city has a bubble, don't it"." I look up reflexively and nod. You, sir. Kansas City has a weather

Yes, sir Kunsus City has a weather bubble. "So?"
"So there me't no pigeons, is

"Pigcons"

"Yeah, what else? Pigeons. You ingo tell me what I already know. know. Platter, flutter?" He lifts his Today is Helium Day in Kansas arms and wares his hands like thy.

Helium Maid of 2013 will be

My programming has a gap in it somewhere. I still don't get it and I say so. He shakes has head. "Moster, you

He shakes his head. "Moster, you should plug into the molia. Yes, sir. You sare need some culture. What's a fountain without no gi-goot faceal muster on till Well?"

"Ah." I say. "I get it." (But I still foot(). "So you paint faceal matter on the sculpture. I see."

"Well, finally!"
"But why do you do it at

He has had it with me, but he answers. "What would the public say if they saw me do it? Mister, you san't get no seeme. This souff's supposes to be natural."

It's a long night. My fourth. The pigeon faccal matter panister has done his subbles and has left. I have eviewed my deep stored data and found that suded weather bulbles whrate on a frequency that pipeons find alarming. As for the assistent charm of those whillish whom on the form of those whillish whom on the form of those whillish whom on the control of mail and

dolphin—that has room deeper thun my circuity.

Day dawns The last and most penistent gayrie of the night, suliing on a nearby bench, has turned on a peetable radio its load blar-

Helium Maid of 2013 will be go lotted up toward the printacle of the weather habble on a throne of belloons which will be turned or burn up on high Helium Maid will prescribed down and had in Walter

on high Hellum Maid will purachuse down and land in Volker Park.

It's still early but a crowd begins to gather Hellum Mad will start her journey from the Plaza. If any-

her journey from the Plaza. If anyone plans to rivet with this fourtain, it's problebly too late. I break my vigil. I need movement is my limbs—and data, more data.

MacGarre can't make serve of

me and I can't make sense of him. Time difference between our two locs is one hour He insists on earing his breakfast while talking on the eliophone, and what with Ma-Bell's much improved reconsists; I might as will be inside his strunch.

"Decomy" Mr. who, and his

"Pigens" he ask, and his unique fishes for, my, a bit of unique fishes for, my, a bit of many fishes for, my, a bit of the most of the mos

statues, get the idea?"

'And try to hurry. They're leftree Helium Maid in less than an hour "Lofting the wher-oh, never

mied. Hase in them, boy." I wait and wait while MacGuire's other and lesser assistants are presamply blazing down the later

tubes in search of obscure facts for that clackering tick-tock of a surroeste fountain-sitting in the nation's Then MacGuine is back. He

sounds fight. He sounds excited "Lisen. Friday. I've got a chopper warming up on the mof and an Air Force act standing by at Carter Field Don't do soything till I get

"Hey, what about it?" The day before such spike, the his 10.10 in the morning. fourtains were souched up."

"Just like who suspected?" I ask

People have gathered, many of them dressed for the pseude that is to delicer Makrow Maid's Indiana and descret by errors (for money)

I thread my way through a group of high school teenies dressed like vessels, pumps, compressors-to impersonate a refinery, I success. They talk a oruet-twat-titter talk unlike any patous stooed in my lingo Bands try approximations of

"Check it anyway," I insist. Those harried ness, carrying fold ine chairs, nudes a pride of terrer me sonitry toward on advantageous The mobile speaker's platforn is being backed into place on the wide

extense of laws next to my fourtun. The hiss of air cushier generators is such the crowd plugs I spot Helium Maid's throne in

process of inflation from a bage silunry sehoer over by the seepis courts and not far from a the clium Maid's colorful van surmended by young things holding autograph books.

I position myself near the fountain-but not too mear. If my guess is right, this place won't be "Just the I suspected," he says. safe in, oh, twenty minutes or so.

At precisely half past the hour the phenomenon begins. It's as if an invisible call had gone out from the uetale. At first in the immediate vacually of the water delphin-horseand maid-and then secreding in concentric waves-people ram. They approach, haltingly at first, then it quickein, finely at a run.

I scramble to get out of the way, but not used! Our seen the first arrivals. They stop at the water's ades. They look at each other, foolishly prin they turn about they're puzzled and benembed And then it is too late. People are coming, faces like zombies." They rees they couch A surpose screams. Someone falls into the water. Others have already scaled the sculpture and hang like grapes on

skin glassung. weave, and flatten revself to fix between phalannes of possessed. Rening now I see Helium Maid racing for the fountain-a bouncy lass The fountsin has caught her una warrs. She wears a slip. Her feet are bare. Half her head is still in electodes. She mile win circuit

from the curlumns. My head is full of interviews I've seen and heard on tape in Washington-people recounting this experience, restributed Well, I. well. I hast, well, I danner it was an urse, kinda An excitement, like, A. hisderburg excitement Like, sh. will. I duren. And then, on duren probing, they confused to feeling sexual excitement. Old people son-They seem the worst. Blacked like

virgins. I am well into the Pluza before it but me. I'm see affected. But why? Surrogates were made for love long before they turned to spying. I've or the circuits, hormone bags, and all the outer paraphemalia. What do

But my circuits are immed with overload at the moment and I don't find the anywer. I run on, seeking

The Plaza is Spazish, its architec-ture strictly controlled by the mortemain of come dead souddens A large geography criss-crossed by ercensh bronze, clothing denched. streets, five hundred meters long, two hundred meters wide Property the area is in empty as a tree of

death. The sun alone sits on everything, resting without motion pittle, marble, white stacco, black wrought iron, brilliant glass, clegast marti-kin, golden bekery, striped or cream parker, parked craisers, grey streets, beige walks, green busines. My own saids steps make the only Then I hear, coming from the left, the shatter of a wall-street piece

of gless; and instantly a metal hanger starts drumming on the belllike disk of some back alloy burelar I dock and our, more or bus

under cover-no wish to shuffle off my immerial code as yet I store, poer, dart, and stop again. Yes, reg. I see it up about a carpeting of silicate before a sewelor store, and, lying on the sidewalk capetensity dropped, a jembo of a mallet on the end of a stardy, wooden shoft

I tiptoc, crawl. Then, past a gleaning scacle of window name. I look into the mark of the store-

and draw back steeped. Burfield the "Tanker" is inside, Ranfield of the Institute, Still clad main I look again. Sure stuff. The man stands behind a counter, before a pile of diamend ensembles dumped from dark blue saliny cases. And he is swallowing them, one by one, like a man unlined one

Suddenly I'm in the grap of a compulsion. I realize it has been there all along, it began when I beheld the emptiness of the Pleza. But it takes hold of me with force now that I see Banfield gulping.

that I ace Batheld galping.

Careless now, no longer concerned with being seen. I enter this store though the jagged hole: Glaocrosches underfoot but Banfield does not even tools up. In a second I stand beside him. I soo dump a case of jewels on the counter. I now start wallowing. I know I've been berayed—by Dr. Trudete and by PPI. They count me. to II wore

berayed—by Dr. Trutete and by PPI. They text me as if I were Bayfield: an ordinary surrugate: But I'm not a level and volgar Tasker. I'm Friday. And I've get PSI. We go from stere to store, from bask to bank. We smash and burntheough deers and looks. We find the small and precious things:

pearls, diamonds, rolls of thousand II dollar bills. Special vessels inside II our trusk Ell with the lost. We odon't speak We're on a special program. We're all intensity and concentration. Not our will governs but Trabote's. And behind Trabote a stands some shadow of client of

stands some shadowy client of "Your PPI's "Me And then both Banffeld and I beother." sense that time is un. We next and "Did

go our separate ways. Both of us merg - at different points with the glant, meanerized mob around the fountian.

Soon hell breaks loose. The

crowd sites then erupts. The thrall is basion: People scream, rosh, tranple. Frontes policemen come alive, necall their duties. Strens start howing. Lights start to flash polely in the son.

I wander about, observing, stanand My PSI is wounded to the quick. My illustors of autoromy, efficiency, and decency are

quick. My illustons of autonomy, efficiency, and decemy are shantered—file the many cruiser weeks that croud the streets. I feel anhaned, undose—like Hellien Mast, led by a soficious group of men back to her colorful van, she is in tears. Her throne, near by, harga up into the air, partly influend.

to buzz above.

Then I see MacGure He got here—obviously jest in time to catch the fountain's whamtry. He stands beduerd, letting the side of his head with the flat of less hirsd. His eyes are a little out of focus.

His mouth is open, slock. At last cames recognition. "What happened?" he asks. "You toll me." I say "I just came out of it myself." And that's me. it.

"You soo?"
"Me soo," I say. "Me too,

"Me no," I say. "Me too brother."

"Did they rob the joint" he

asks, pessuring toward the Plaza.

I and, "Think so, I think they made quite a haul."

"Geother goo," he says, and his

eyes freeze a little with inward appothession. "Come on, Feslay," he cries saddersly, "lee's you and me go and hang one on."

go and hang one on."

"All right. But in a second I want to take a look at that four-

I lope off to take a look, hoavy with stolen poedies. Yes: all that pigeon facal marier diabed on with such care during the night is gone. Robbed off, dispensed What did they use to seal the staff during the night? A water-voluble polymer? A watertime-decaying encapsulator sensitive to transfirly! To be discovered, so be lowered.

I wash MacGaire supping up the forces, two hours, two hours, two hours there I is form what he is really like; a said a sack and a loser He sells me all. In he alected one of the like the said of the like the said of the like th

skobolic, too no query about that!
That stranded whale I strand
one days ago begins to stink is
MacGuire the kind of man the FBI
axigas to crack a major crime
wave? Who is behind this shing!
And come to thank of it; would FPI
and me as this resume new.

grammed to take part in the icoting unless the client knew about it? PPI is strictly muttal. All we do is

 Well I think You've por me in figured wrong—Dr. Trubote, PPI, in FBI, and other secret cheris. My work means all to me. I won't be I used. If you want me to steal and not while percending to be solving crimes—deay; but lell pur in 46.

vance. I'm not just your ordinary tool. I've got my pride.

I pender the case, plot revenge, and histen to MacGurer all in one. We're in a darkish your-your place

We're in a darkish yum-yum place full of shawen-headed space stumers assisting shipment to the Lanar mines.

MacGuire is going on and on

about his youth. His total is off, his theeven ruled up, his its privad loose. He has engressed row to the young 1 loans why his nozhes acver sammyers the ment of to bely vie his a sign five, do only being and you would be to the sammy to the sammyers the ment of to bely vie his a specific, do only being who have loved him, muly, the only being, and sweat, wonderful Counsified T. 14 when like that anyonovi—he passes, then like that anyonovi—he passes, books at me with an odd plean at his you, then give not "Well, Felling, one day the fell is lon-

Is for a insudenment."

This is supposed to be a joke, me one of those little diamonds of hillaring!

Ity MacGuire has been embedding for the soft much of his dranker, health all infrances. He is also made to the control of the soft much the

scif-pitying, vinderive, and "Hey," MacGuire cries when I hilaness "Hey, where you going?"

I don't even presend to be "West," I say "See you

arrised, but the whitness, gags, spenters, and tunes and # as to proper the transport of the spenters and transport of the spenters of the spe

pound him on the back.

Then it's 16:00 and a going act like too fillargers. They fee line to be a like too fillargers. They fee line to be a like too fillargers. They fee line to pack to be a larger, the space stusters start going jupger! They pound their glasses on must and soult it on to PP. The

pref. They pound their glasses on much and send it on in 1991. The fore tables. Fore in the afternoon in this greamed impulse. But after the CII Note law region means that summer the being again, for a span. CII take a pairs on start selecting, and here train. Will served, will account the they come, allowing, higher them. The transmissed. I make mostly

otherwise of the back-cipit their productions of the back-cipit th

game gentils.
All eight, in turns, come by our rable. They have across, working in the fact, and the

shakes his head. Not in the mond. I reaches. He will histed and voint just state to make them po away.

And then, zam? Something when you have you

It was the squeezing of times fra
The doese is not one doese of the squeezing and distingt of my
anial circuits—and recalling all of a
of beast. The guard told me to go
studen that article in Chemora about
down Balaback Lane, kopping to
that bondils domn in Vegos where
the left, past Rape Valley to Parkesmy and the second of the second of the second of the second
guit's solicitation.

mess it, the building with the hirsuton Nuches flanking the colondoor. It's a lone walk and a weary argunent with six burly Boses who came from the same mold as me. But at last they take me down and show

me into the boudetr of what Orosey in its usual style called

as, lying in a titanic hathrob. A black ocean of pembling joy-gel hides her massive chierns. "His " the tree Che winks on

one, "You're care, you know, You want to work for me. do you? You're medified, am'tcha? Vi tice. What does Backs and Bows want for a model like you?

the best-over male (flamitum by the Maras Sad Combine). "Madan Smith," I say,

here on federal business For with De FBL "Outh." she cries and almost

rises, showing me her planetury many. But the several is not viscrus. "I like you boss," she says. "I'm a mercor Dada't know then

aved varroustre, is all." "Madam Smith." I start again. "what I've come to ask is this the perfure parters used by your from

and backs-they're said to spread a payoned efflurium. It's supposed to contain a propertary ingredient. I'm

Now she is suspectious. The man wes of another personality invades

"You're not FBI." she says "Get out of here. I've got friends. she adds: "I get plenty of friends Don't get ideas. Go on, rulverize."

And the low-gel trembles as she ges-I've done rewarch in normwaters I can't be bugged off just like that

Does the name Balthasar Jones mean anything to yes?" I ust named the secretary of ag-

riculture. Two days of feeneand disging told me he came by a whoncapidly climbed the bordello rark-

Roby Smith is forious. Her cays blaze have and fear. She doesn't say

"Look here, Madam Smith." J. say. "You can have it one of two

ways. You can sell me where you and these phenomenes and no more will be said. Or you can refuse If you refuse "We gon't use any above.

"Yes, you do. I saw six drums in the basement of Impotence Nixod I've get samples here." I show her two phials. "All I want to know is

where this came from it would "You'll never set out of here." she growls

"Sare I will." I decide to give

her a demonstration of my leaver powers. My elbow lasters blaze flanc, my unnaturally gaping mouth mile a scear that shatters every piece of plays in sight to milit" screams Madam

uth. She's ripped her arms out of sel and holds her cars. When I'll sak "When does it

Belaville.

The As Research Station?" Ste nods Ste's miserable. Just then her Bosses come crash

ng through the door. My lasen blaze again. I walk out past smoking metal wreckage, through clouds of plastic fame.

I'm flying high-and in more ways then one. Trubon should never have betrayed me. The double program in my lobes has opened up the Condeston of my DSI Makestake only knows what molecular

sirvenes, what ion-exchange resir mittee what observed catalities the Doctor has set going. I feel a execuplaric times in my besin. I'm best on deeds no surrogate has ever

I'm flying also in another sease. As SSI wines my toward the D.C. Meteodex I want to arrive undetected, and who flies newadays?

The pale trains are finance. The plane is nearly empty. It's facility almost certificity by subsidies. play cards toward the front. One donned a skin-tiett sym seit after take-off and sits in the airde nearby engaged in yogs. I watch her

She has concrived somehow to out her left leg over her right shoulder. She listens to her knee. Her arms are raised, her fingers flared. Her index fingers touch her thumbs

making two cosmic eggs. Her eves are open and rolled back. I see the moist whiteness of her eyes laxed the roots of some upside-down, internolized Kandolini bee-

Aesthetic curaits in my boun sing some forgotten program: Oh miss new morld—such counteres in

I muse and ponder, namine emat deeds this way and that. And time ffire. My yoga friend approaches, but does not ourse much, complete. when the engine pitch changes. Its

As we come in for our landing. the pilot comes on the intercon. He directs our attention to a vant, reddek own clearly sights from the left safe-an area that looks surunded by something at least as formafable as the Chinese wall. Oh.

in. The offer rells us all about I look down and see the beast in in hindenburg playren. It looks gaine sexall, fortom, and lenely form this ultitude. I see it in the The travel faciliarion specialists center, oblivious of the head of caldon't even pretend to serve. Four

sits unmoving its firey eyes gaze friend See you around " mountfully toward Japan And he recodes, band And he recodes hand raised holding the phials

I am not very much varryised when I see MacGurre at the gate. He looks reload and almost gay He sports a flower in his lapel-no-

deabt it squirts. Long before I reach him, he holds out a hand, palm up-But it's not a greeting.
"I'E take those bottles now," he

says. "Hand them over, how." "What bordes?-And by the way," I sak, although I know the answer, "how'd you know I was on

"The bottles," he says I reach into a pocket and hand him two chiefs. "You're something else," he says, staring at the darkish liquid in the concurrers. (The hand has pers to be Coke.) "You crossed

come surfetty his sained how You're in trouble, boy But I am precists what you've done for me. "What did I do for you, Mac-

"You've got me off this caseund boy, are I over elad." He maneavers so that the flower in his lapel can squirt me in the

face, but I moneyary right back: "Who put on the heat?" I ask Balthuar Josep? Of Assertings

The fun goes from his face "Don't ask me no questions and I'll tell you no fies," he says, backing

"By the way, call your boss. Tru-

My rented copter is hidden a kilometer from here, and "here" is the Belaville facility of the Agricul-

tural Research Service, a cluster of buildings with a force ward and tankage and machinery behind them. One of the buildings dates way back. It has a tower with a clock. I rest in bushes writing for the

wind-it blows in a southwesterly direction, which is nearly perfectto drive that block of clouds way under over the bright sickle of the

The place warms with uniformed guards. Lights probe about seeking

regulers, sorking me. The FBL and PP1; and Trabote and the higher-Jones, Secretary, Agriculture-they all have guessed that I might be a larking in these shadows

Trabote sounded shocked over the telephone when dutifully I called him "Stop this norserse about PSI, Friday," he said-and I could see his indigeore features, the

erry, leoning boad, the natty blazered sacket. "You're a robot and small do so sourte been told I want you to report home by exe-

"Yes, sir," I said -- But dame it

all. I de have PSI. So herr I am in Beltsville and not back home at The cloud is coming—slowly I have time to record a few meet observations, to tell the history of this crime to my spheroidal situs.

crime to my sphenoidal sinus.

Out here at Behavite they do research on phenomenes—sen attractions Stateod long ago, in the troutasts Stateod long ago, in the troutasts Stateod long ago, in the troutasted castery, as a way to zap some
stocct called the gappy mosh. But
research can sever stop, Forward,
prospess If you can cauch the limit
posits, go for the bug once. Formalage new programs to full in the
vides made by success. More
vides made by success. More

voids made by success. More people, more budget. Bureausureness are just like surrogains. They never the And then no doubt venue love-sick scientist or other, spurned by a groove chick, went so work at night on a little insurration of his own.

And management found out about it Stapped Toy Secret on the files. An Eye Oldy envelope informed the Secretary Who knew how to use the information. The cloud approaches, nibbles is, these swallows up the moce. I much into my pocket and take out the resil

then swallows up the moon. I much into my pocket and take out the real samples of photomone I took at Ruby's pleasure done. I one the bottles and they best on pavement. Now it's just a matter of time. And here they come: unformed.

bottles and they beart on paverment. Now it's just a matter of time. And here they come: unsformed guards by the daren, and people from abandorsed crussers on the spect. They make a little mob. In now the Flazz, but it's the same idea. I pick up my blowcarch and artille undistanced toward the yard. he tankage, in the back. Soon I have found what I am

ob looking for. There haps tanks, each this labelled "paint." Some paint One is for somen, one for men. The interface of the labelled and exceptabilities polymer with bathe house of water non-most ance. Perfect for fournaises one. My circuits use in glocific eachi. But then, I activate my blowborth and out, state to curre a remoderated hole in distance of the course a remoderated hole in.

the side of Tank Number One.

The pink of dawn reveals the city down below. Not a spirit, not a soul, no finans in the seat of power. Washington is corpy. Het Jines, cold lites, lakewarm lites; all dead. They're all gone to Belteville monand woman, young and old, natives and dipleouss. I've got it all to myself. I survey at from my Jonely chepper. The all bend the rooter

single in the state of the course a forward right. I'm headed for the 200 I got the notion in the zirplane as me landed—was it yesterday? Codefills and I will soon be joining forces. If my guess is right, the

torces. If my guess in right, the poor heart, Bit me, has Pill, the poor heart, Bit me, has Pill will be a directly and a study and a discount in a captors. We ill will low let up this city in all leisure An Fill is burger will sum as off. The a dish is off mashed Congress. A meas of agancies, maybe The Wille Bisone of Ser desent. And if we get thirty, we'll dish the Potensee.



€ GALAXY

BOOKSHELF

Spider Robinson

Robert A. Heinleite. Stranger In His to were must of an Own Lond, George Edgar Slass Year see, I graw up in see, NewcasterBorgo Press, 60 more Golden Age than this

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Grant Vertical Three Ensystems attellings that vert is guotained for SF. Reidley, Spiread, Bester, Adapt Press, Mp. pp. 52.50

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from, R. R. Bowker Co., (Steas), belieges: the overage quality 411 pp. price unknown of whether of John Mapporing Worlds of John Commission and water stated off by the Mapporing Worlds of John Commission and water stated off by the Mapporing Worlds of John Commission and water stated off by the Mapporing Worlds of John Commission and Water stated off by the Mapporing Worlds of John Commission and Water stated of the Mapporing Worlds of John Commission and Water State of the Mapporing Worlds of John Commission and March March

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XSHELF 15

It was a black day when the fine alleged enhologies began remining submissions. There's a place for supermenting the magazines, whose condensative in the magazines, whose condensative the magazines, whose condensative in the magazines, and who have placked down their mosely (considerably) less money) for acc only the storage. But for the up-to-date science and review and finesse fination, for a reasonably care found to the conduction of the

library for inquisitive young minds to variable over.

If the first eight stories in an autho bore me, I way keep reading (because, say, the ninth is a Korebbuth and I know what that means). July a bright could varie off.

will long vince have wandered off to where they keep the early Saint stories, two assles over So, quite florly, will any newcorner to st. I got hooked on if in the library, back when nine arthur out of non

out winn and attitude of the determinal of the colors of the desirable or hard teach enthalps held available or hard teach enthalps held available or hard teach enthalps held which to lecker. Which is not to take away from Greff Chaliffor or Bellet & Dilly or Lamores Javase—they go there fraces with the mostest) At the age of six I was given a copy of Revier Ship GMBOs, and the not or my skiller. came off. I raced to the library, where I had been said implet locate more books by Mr. Henshis, and I found them—and currously crossly, at buschis other books that also had busche other books due to the spine. In score way these other books must be like Henshim ... and so I trad one. Installer and the Coddin author.

(not an "af fan"—it was years before I beared that fundern enjord). I shudder to think what might have happened if I had selected something of the quality of the average Reger Ebsend quakin. Why, I might addre be working for a liv-

ing! (The few really good arithologists working today are having one hell of a time selling author now—the publishers know that Anthon Don't Sell, and there can prove it. Notedis

bought all three Electeds ... well, maybe they bought and ... well, maybe they bought one ... it is greet the years from six so, ob, six to easily the services and solvering arthon disc author and finding them solid, letting do cares of measurementally Gentle of sources of measurementally Gentle of sources of measurementally Gentle of sources of the service of the services of the

And I think—here at last is the point—I should that a majority of you did not, grew up, or at least absorthed most of your early of at about the same time period. Simply for catching the attention of new readers, because never again since then has of looked so good from the outside, been so attractive to a neophyte (and I suppose you could through the progress Baby Broom to

nail the assument down). And I further suspect that like me many of you remember the stories-but not always the title and arthor. Became in them Golden Days of Library Loitering, there was no acof to remember authors names 'sort pick up the next anibe and they'll all be winners. Not until times go leas did I get hip to the

prodence of following a good byline (and prevalers I sense with Harlan that the mason they gut fitle and auther in the biggest type is because they're the most important words in the piece. Right up there on page one, see?). I wish I had a suprem for every letter I've gotten saying. There's this story I read many years ago about this planet whent

night only comes once every thorough years and they all encalled and who wrote it and where I could get it?" (If you don't know, see sest month's orlumn)

Well, every so often I stumble across one of those forgotten limmortals and scream, "I know thes dame story! So that's who it won!" And I suspect you do soo

little bit of a game Somebody (a-

gain. I dunne who-some anbecause those were the best times hologist of yore) once made a dendy same out of moning only the first lines of the first stories of several of Musters-and challenging readers to name title and author. I propose turning that around a bit. In the last several months I have run across over a dozen stories that

were, for me, memorable, that a tender age and still resurface occasionally in my consciousness Although none of them is of the "tomato surprise" perseasion (which the late Rod Serling overused so heavily in Twilloht Zone). each happens to have an extremely memorable fast fire, which ought to pe-evoke the story for you if it's in your files at all So that's the pitch I give you the lest little, won pivo my fittle and au-

ther. No fair pecking ahead to the end of the column-keep a list and compare when you get there. The 1) "Here they come, with an insulting thick rope."

21 "It is a word which will explode this plant file a stick of dynamize in a more apple." I'll keep agrickling them in the

see how many mor bells. I have a scoret plan

the anthology, let's go on so SF vs Academe.

They've been going round on shor one for a countr of ways now years since of went respectable, and a onsiderable amount of waste heat his been emblaced throoby. On one side you got academicians insisting that of should be judged by the gendants of LuCrit, and on the other side you got Dena Beown say ing, "Let's put of buck in the gutter

where it belones." It should now be obvious where I stand seven years as an English major have convinced me that literary criticism butters no puesnips. I used to think it was only harming. like minterbution, but now I don't styrrore. I've soon too many people who can really write seduced into-endacing Enduring Managemeets instead of good stories, conned intobecause they center sounds the most authoritative fit is, I will erest, the only real assurance that people will be forced to mad your

And up I tend, at least, to view with-alarm rather than point-withende when the literary establishment moves in on af. Many a great restairant has been destroyed by being discovered, and come so think, the Indians must feel much the same about North America.

And same enough, here comes a missionary to tell me that my goth are inferior. George Edgur Stanser.

suther of Robert & Newlein Stronger In His Own Load, speads fifty-aix pages proving that Heinlein can't write his way out of a paper har, and then spends three full pages listing Heinlein's book publicarious alone (of he had added magazine sales. I calculate he'd have needed five more pages, and anthologizations would most surely have added another ten or twelve).

The irrey of the juxtaposition ob-As near as I can fleure his exen-

ing argument. Slasser is offended because you couldn't graph an out-line of a Heislein plot and come out ing patterns. The heavy old burbarun bestseller violates the precious Dramane Unites not tak From there Slaver eyes all the classic tools of LitCot-As-Harcherwork igureating out of contest, non security goes her ergo proper has removing, outright discretion and plain shapafity) to show that Heinleun is an immature, irresponsible. moradis bunkrupe bungler who monably benarupe tounger who in them)

a sate world

I find this pamphlet as significant as an unchin deficing the base of the Tar Mahal, and if you were to unst you to score the paperback of Smaneer In A Stronge Lond, you go night ahead. I can't give it a Galaya. tive Award because I'm not at all remus that Shaper back Acres-

O SERVE MAN

On the other hand, resp has its advantages.

has its advantage.

For one thing, it provides a forum from which if authors can rep about heir crist. Some hold in the post of time, and that a writer delay to it worling in all what we would be post of time, and that a writer delay to it worling include time. But if find writery thopsals as least not consider the post of the p

becoming util of or cards.

So I rather support Experience
Problem Traver Example Support
Experience Support
Experience

to get. And Alfre's piece on the

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Though Damon Knight didn write this Cookbook for People his famous story inspired it Homme Bourguignon, Chi Con Hombre, Minceman Ps... 71 outrageous reciper hightheartedly distrated, have covers, \$6.95 at bookstores or

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contained of The Denotished Max—
a although way too compressed—
s contained rather more vitarian than
the smual Bester custy.
I can't homestly say I blood it

If I can't horsestly say I liked at h \$2.50 worsh-bast if you're ose of sy these afficient fam I keep honony about, why don't you check it out! if On second thought, why don't you of send ow \$2.50° Then I could afford it so subscribe to Afge?

(i shouldn't say things like that, the Have you heard the two story about of the gay who ran chaspifed sho say, at ing only. "Send your dollars now, typ to ..." with his address? He made the a fortness before the Post Office abus the down.) Time for a couple more Last Lises. Do you pecogeize. 3) "The wolves who were then

burning their way through the Ozarks, uturily well-out opposition, the wolves were the Martians, under whose voke and Lish we now on dure our miserable existences." 4) "Whereat a great and far-off voice was heard, saving, Poopon-coopy, and it was even so.

and the days of Poopy Panda were long in the land "

So respectability also means that the librarium come rarning, and at library science may one day save our tace from drowning in information (see Heinlein's encyclemetic symbolists). And here we have destroy of Wooder a majo fabru loss comedizion of data. It bills it self on the cover as "bibliographic guides for contemporary collections," private or institutional, and for that it will serve excellently. But it also fearures such unhable rewatch side as a bibliog of books on of history, criticam and brography. a bibling of other extent biblings, indexes and tracking aids; magazine and book review indexes, properiodicals list (with editor-and ackiness): a list of awards (the only section in the book hopolessly mapgled and virtually useless) and other

I did pick out a few choice errora Rick Sambach's name gets missrelled again on page 233, and on the same page they have Pangborn's lovely Eve choosing between two men instead of three), but mostly I was impressed and enlightened and informed all to hell. I learned, for one instance, that Kenneth Jerregon of the Iowa Commission for the Bland Library, 4th and Konasous Way. Des Moines, Iowa 50309 manytains about six hundred of titles in Braille or recording and will lend same to blind fans. I urge any and

all of you to read something good

onto cassene and mail it thencealthough you should probably query first to avoid redundancy. I learned lorse stuff, and probably will every time I come back to this excellent reference work. The hibiography of all novels runs from 1516 to today and it demond horough-and the captule descriptions thereuses apportuiting are remurkable translant. An invaluable and to ansure who (God knows who) wants to study of, and also to librarians, collectors and profess looking for a thumbenil guide to the representative major works of the field Thank you, Neil Barron and

Neither of these is a Last Line One is a fragment of one, and one

friends

5) " and that what cityer neonle have not yet learned, some quite ordinary neonle have not yet coarrily forgotten " (Hint: "Whome year.")

6) "Angue smiled with screen confidence a smile that was to shock hardened mergue atten-

One last tilt at Academe should It happened that I received a review copy of The Happening Worlds of John Brunner concur rendy with about eight of Brunner's books-and since Been is always after me to come up with a decest

lead or theme for even in indecenlead or theme) I decided so review 'yen all at opport on Charmone of Brunner, But I immediately lost the Press had ruther trantly muded me another copy. I had become soo imnutes; to wait, and road most of the Brussers, reviewing them here one at a time. Furthermore, last month's Harles Ellison extravagence beconvinced me that Overviews are too damn much work and too little fen So instead of a whole column

of Brunner, you set Management Worlds plus two leftover ponerbooks. Editor Jovenh W. DeBolt was one

of the contributors to Anatoms of

line would give it clean away, and this is at feast as memorable). resease on Brunner's work dissolve into four sections ("Buography." "Proce & Poetry." "Economics & Politics" and "Science & Technology"), plus a James Blish reeface and a lengthy suspense from Brunner himself. These last two I liked enemate, and I enemyed De Bolt's

own introduction to Bruster and his works. The essays themselves (all by men, all of whom happen to be, like De Bolt, professors & Central Mathiaga University) gave me some Mishigan University) give me some trouble though. Not that they weren't insightful—at times bellargly no-or corertly stated. The publism is that to appropriate nearly every one of them, you have to be familiar with virtually every word In soo many instances I'm not samif I agree with the critic or not, and

there's nothing more borne than

discussion of a book and board's read funless it's daring an English class and you've just been called But this is extrainly not the essasius' fault-how else can you do its-and if you are a Complest Brunnerias. this book ought so be right up your alley. And again, I enjoyed all the insider chostalt kinda stuff.

Unless you're excush of a Bran. ner final to want to buy the above. you probably won't much want

Ace double but a Ballanina single). Not that there's a whole for wrong with it—there is a whole for wrong with it—there just ann't all that much right with it. It reads like a B- or possibly a C-movie, and I'm see they'll love it down at the dragstare. Internalize Meanes more a Betteh nock group. It's a share writers have to do this suffice to say writers have to do this suffice say.

where a server of the street was the total of the read areastre and occupied books. In the field, closer to maintaine the field of the total areastre, and to chipt may passe their law, parts their law, parts their parts that are personal to the parts that are the personal to the parts that are the personal to the parts that are the personal to the pers

traditional science faction at the cost of grace and plausibility—on our-standingly bad somato surprise.

The benk mostly concerns itself with the psychological domination and collapse of a young

ration and collapse of a young psychologist, brought on by exposure to a lovely years patient who is either quite mand or a ship-special time-traveler. Her takes of the weeds the control form—even though be considers them finiting—point up to him the oscernful boredown and morninglessness and opension of its small-down life, and in the end he content to believe there would, the content to believe there would, the property of the property of the proliferal mint her because it's such an

Double. Double (which is not an Illers her legs—eventually he Ace deable but a Bullandine single) springs her from the bughouse he Not that them's a whole lot worn; works in and flees the county with it—there just ain't all that her, with predictable deastern see

sets.

Right there you got the mikings of a fine, poignant nevel—but Businer (apparently in the intens), of kicking his poor here one nece time while he's down) throws in a switcheroo that would have delighted Hugo Germback and an

noyed hell out of ms.

I still recommend it—in the main
it's an excellent novel—bax I have
seldom seen such a dumb ending.

.

List Lines:

7) ' The last thing he learned was that death is the end of pase."

8) "Julio med said: "Don't sail.

Beel.' And then winked."

Speaking of CoD (Cred of the Disnouement), boy does this next one give me trouble.

I will say out front that I enjoyed teading. Frank Herbert's Under Premare, and even stayed up rather to late to freigh it. But m's get so all many enormous holes in it that it that it.

of would take almost a whole colored to due them all.

I. A random sample the which is the spy? business that kept me trading with such interest turned out to be a well fectuable. There was a sp. but side as conscioudle from except to below found for well as controlled to the control of the control of

sale all failed to come back?-see spics, something else-struck me as tric and simplisticly contrived—as did the hero's Ingenious Solution The conspiracy to deducene Bu-Security's power and influence. revealed at the end, seemed alarmizely like what produced Bullicrating in the first place (ah, but we're the Good Gussa). Most extraordinarily of all, the horn, Fonces Ramora, although we are told that he has a wife and two children, never once thinks of them in the entire nervethatering course of the versee. season and a reference to them in his thoughts ("tell my wife my list thoughts were of other things") The wife is dutifully hauled onstage at beginning and end, and their relationship is described as deep and loving, but she never be-

deep and loving, but she never becomes real---and never at any time do they discuss or mention their children.

This is a convincing psychological distrail. The fact that it attempts to be in the book's quantity orth.

letts, för there are as real people in it, mily psychological types and syndromes and consensus walking syndromes and consensus walking to the syndrome of the lett they dark become or darm. I dark't believe the syndrome or manual collapse at the end; in fact, i dark't believe the set has been manual collapse at the end; in fact, i dark't believe ends about the book. Using atomic soles to steal finelige cell in underwort reglandors as mile long? Oil that the enemy issulf heart necessed only the enemy issued.

Attempting to make the story 'realistic' is the book's second worst problem. This is done by an amention to obvoiced detail and anthereticity of technical jargon so in-tense and plausible that half the time I couldn't undentard what the hell they were talking about. None of the jargon over got engineed, so it shot right past me, and it ought to shoot right past anyone nor familiar with the nets-and-bolts design layout and the operational routise of a or-man storic sub-out. (Are you?) Herbert could have taught me a lot about, say, the security of radiation overdose and treatmentthe masterful suspense and reging. and so all he told me was what a

I agree that "psychological novels" ought to be written—but their Scylin and Charphile are Samued Delany's Trovin—which was quite logical, plausible (within its assumptions) and certuitent, but dell in hell-more! [John Persons.] which is exciting nonsense. for which one should make some allowances-but zone of the weak points are the kind that time excases There's nothing worse than an unbearably suspenseful story that

A First Line him for a kid. I thought at first "

And a Last Line: 10) "And Royland would have to try to social assessing him you sharply. You This once we down

I understand this latest Phill Dick movel. A Sconner Durkly, in the first he'v position without the said of speed, and appropriately enough it's largely a dialectic on the rainous cost of prolonged drug abuse. There's a dedication at the end to Officer friends of Dick's who've destreet thereive with down lating the extent of damages each incount (season are shoul show ere occupantly ossebetic. Ble that) -Dick calls this drug missisc "a avail orner and different from your life-style, it is only fasor " "H." he says, "there was any 'sin,' if was that these people wanted to keep on having a good of meudoscientific horwash about

time forever, and were punished for

that, but as I say, I feel that, if so, the nunishment was far too great. and I prefer to three of it only in a Greek or morelly neutral way, as more science, as deserministic im-

partial cause-and-effect." The "sin," / think, was that those resents wanted to be able to keep on having a good time forever by pasking a button, to rip off the Universe for a good time without paying for it. The "punishment"

for this error has above been as drastic, and is not see areas, and cause-and-effect is asything but

That finde aside, the food ain't exactly terrific order. It's the sometimes fascinaling, sometimes bilaria federal nerc so wasted by the drops he saturates his brain with

that he begins spying on himself. and eventually busts bireself. This notion could have made as catrace. dinary possiliene-but only at wild Nack harmy. Why Dirk did was waste enormous bears of paper trying to make it a plausible science fusing novel, thereby destroying it. He sers it in the future, but every time his attention wanders it becomes the record. He therees in a sort of "invisibility sun" which is supposed to make the premise acrually possible-if you're willing to believe that the feds here party without ever social them or knowing their names-and he adds a lot

the left and right herrispheres of the

hero's beain each achieving auteromy, for a ruly split personality. The end result is mattreas, but not the driven kind. Along the way you get to watch the background cast who represent Dirk's doper french willsy and engagingly done thensolves into imberding to archer short progression, and as the immediately kelton (off Borner And) once said.

Last two Last Lines:

11) "Yes, your divinity," said the capeains, without a trace of humor in their voices."

12) "But they had never left a said or said or

Okay. Now we get down to it (I'm putting this here instead of at the end to first you have who tried to perk ahead when I told you not to). How many of you figured out what I've been doing? If you don't recognize sey of the lines I've thrown at you, then all this has been wasted If you do recognize the lines and know title and author as well, they you already know where I'm course But if you find most of those lines benefiteable fam disc executedly represent but they t dentify their creator or title, then you'll be as surprised and delighted The overies, in order, are 15 "The

Rocket of 1955 - 2) "The Wood of

Gure." 3) "The Silly Scason." 4)
"The Advent On Channel 12." 5)
s "The Mindsvern." 6) "The Linde
Black Beg." 7) "The Macching
Meeons." 8) "Geonez." 9) "The
Alar At Midnight." 10) "Two
Dooms." 11) "The Adventacer."
and 12) "The memorabil."

and 12) "The removeful,"
And the kocker is that all twelve
were written by one man, Cyril M.
Kombiath, and the second locker is
that they are every one available
(silong with seven ricer) in a single
(silong with seven ricer) in the
Karablash, for a mare \$1.95. To
my serlier disparaging ensurable
about archion, note this me the most

specuouler exception imagnable this is the one that you should be the in the control of the control of the commuter which been bugging to so recommend some of I haven's enjoyed a book so much in years, and will treasure it always. I feel I mean it's dispositive. Frod Pohl's held "An Approximation" into so his late colliderator record me, much dispositive from the control treasure of the control of the control much dispositive. The control of the much dispositive from the control much dispositive from the control of the much some control of the control of the control of the much some control of the control of the control of the much some control of the control of the control of the much some control of the control of the control of the control of the much

What Cytil felt about the war durultimately killed hum in spelled out in his last steep, "Two Doorne" but if cament but hate it I just finished redding the last book Cytil ever worte, The Man of Cold Ruges to—Tender Bed," mend, Pyradio popetheck), and oh God, if he had freed, the worders beyond any fixed, the worders beyond using the measurement had been as the properties measurement had been as the proting of the measurement had been as the proIf you don't remember each and every one of the lines I fed you, go ar forth at once unto the bookseller and give him your tokens saving "Kombleth Kombleth." If you do. so buy it anothers—wou'll roley on

restite tion

Ged biess Ballimane for this reasse. Jasi when firmes was pettin' kan n Anthoville

Two leads, a hunchs harrier sols. for the bloodthirsty, and a certified masterpiece-are we done? Would I mk if we were? Two more things to mension before I stagger off to the Home For The Criminally Comfued

Pirst, the column in which I men report Bokks, the Topogra-hased of store that has a mad-order service. has brought welcome feedback. A lady named Valerie Barnebey from Calais, Maine has hipped one to an ortfit called T-K Graphics, PO Box 1951. Baltimore MD 21203. which has a mail-order operation compare ble in size and scope with Bakks. and will awaid a handerd steen of hande with the damped Customs he too late to morrorote, but you catalogue looks extremely good. can at least your. Let the voice of and it says here they will pay monthe readers be board in the land tell age and bundling on all ceders. I the more rubinhers what you ware to see. (And remember, my first have I checked 'on our march' as novel Telesquash happens to be elia reviewer I don't need mail only-but I've saked invent and gible this year.) the word is good. Those of you up there in the Stone check it our for

yourself-and if you have any hassle, lemme know. T-K claims between fifteen and twenty thousand people on their multing list, so they must be doing semething night

NEWS FLASHIII

You forgot, didn't you? I only told you a year ago, and you forgot The assembled ranks of all publishers are waiting to hear from sort of stuff you want them to pubjob The writers are likewise in-

terested in knowing what sort of stuff you'd fike them to write. This year's World Science Fiction Convertice ("SUNCON") will be held at the Fonnambleau in Miami Brack, Florida-but if you can't matare to attend, you can attl' cast your vote for the 1976 Hugo Awards. from the comfort of whatever you send \$7.50 for a supporting membenship to WORLDCON 35. Box 3427. Cheery Hill. N.J. 08002. They will send you, in addition to other goodies, a bonafide Hugo bel-les for you to fell in and mail. By the time woo read this, it'll probably

People who don't vote for Hugos

deserve the of they get.



Up the Irish-Quinlan forever!

The All-Soul is calling Quinlan The All-Soul or colling Qualansizement to chemicale the history of the man known as Ottinhan report-

The first recorded case of disciolinary ection taken against Quinlan

occurred in [conference] 2005 A.D. Earth-time (Old Style), Quinlan had just finished a term as a man who had acquired a fair amount of earthly goods without sen discernible trade or occupation. His soul

was called to a conference with that procursor of the All-Soul, known at that time to Quinlin as God Qualas saustered into the office.

"You retain harran form?" God asked Quislan, sweeting stars audit with his raised evelopes "It saits me," Quielan shrugged. and consued his less

"No matter," God concluded parale Am hairs who death outon Origin's small failings can be corne begood drawn in trivialities for

"Quislas," continued the Deiry. 'your case concerns me." "Don't worry about a thing," Ostalan responded. "As soon as I

can get suited up again I'll be out of your hair. I don't intend to hang arroand Interim very long." "That is part of what concerns

rse. Quielan, what did you do for a living during this last term?", "Well, it's a little complicated."

"I'll take the time to figure it. "You've been talking to my detractors."

"Well, busically I was involved in the reapportsonment of re-

"Pinancial procures?" "And other kinds."

"I voc." "You'd be surprised at the termhie inequities that prevail on Earth these days. Some people got it all. and the rest are trying to hong on to

nothing. The rich set richer and the poor get shat on "You've always been quite a

phrasemaker, Quallan " "Uh, excess that I got cerried

"Not at all. You were saving?" "Right. Well, when I'd see some poor soul laboring under the burden of just 'way too much moory, or

land, or stock, or whatever, I'd just do my best to help him out, and ness the sumbs on to some who weren't quite so well off in terms of mathle amade I made out out out man on earth. It's easier for a carnel to

pass through the eye of a needle, you know . . . " "Yes, Outstan, I made that one up muself. So your job was basically redistribution of goods."

"Recoming, in the process, a ech mas vourself." "Well. I had a lot of overhead And I don't work cheep. If you

don't value sourcelf, so one else "Ouinbe, you were a con man"

"That's hard to avoid dring, "Here's why I called you. Quin

las. I 'vot don't think you're mok the any progress I don't think you're learning anything."

"In this last lifetime I lived to be cighty-seven, against the express wishes of some pretty powerful and

musty men. I must have learned STREET

God shook His wearone head "I'm not talking about curtily wis does, Quintag

"To each his own. Or His own." You merejoned earlier that you were planning to go right buck out don't think that's a good idea Take a century or so and pender

year past lines. As least a century." 'Heat Hey, I can't do that I've gotto per back right now!"

"Why now, Question?" "Inten We a new critical time

there now. As You well know. zation, when it becomes a race as to whether or not the inhabitants will

Now up their planet before the marage to get off it. That's whose Earth is now. I've got to be there to help out." "You want to go to earth so you

"Get off, and take some good

people with me." "That's very leadable Origina." Oxinion fiderant while the Deiry thought.

All right, Quinlan, I'll let you

go back as soon as you were. But "Hey, I get to pick what I want.

as long as I've got enough karme in my account. That's the rule." "We may make an exception in your case. What did you plan to go

"Well, there's a man right now in Texas who's mitte to comer the

bourbon market. I figure he'll make it, in about twenty years. And his wife's pregnant, though he down't

know it yet..." Quinlan stopped as he perceived that the ponderous head was shale ing. "No?" he said

"Not this time," said the Deity. "I want you to learn hamility, and to gam a sense of community. I'm ening to send you back as a Signese twin."

Quislas receiled "Um-Wah whom were you flinking of joining "Let Me see, I believe Buzzen is

looking for a new term." "Riggers! Biogers! His last term he fraud so he fifty and ded a sir. God nedded proudly. "He is very

holy He has acquired almost receeb permy to join 11s." "You're petting a watchdog on me," Quinlan said, and stood in

brought, "All richt," he said fimally. "Till do it, but I've get to be

"Very well There's an Insh

family fiving in Yugoslavia right

"Near the bonder?" Quinlan a slow shaking of the head.

"Moke it America, and voe've got a deal." The Drity stared hard at the

dealer, and finally said quietly, 'America then."

"Good," said Quinlan, "I'll go get ready." He stopped on his way gut. "We open he triped at the

uh. cibow?" "The hin I drink " "Ab well," replied Ounlan He

started to haves out, then stopped egain "A few minutes ago," he said. "You referred to Yourself as Us Have You slowely horn-

God podded. "A very few have schicard that blossed graced. Oncein. There are also saires, and near-saints, on Earth at this very

"The back " sold Orderlan and he

God dismissed the incident from His road well later in His becausely "Ded Quinlan take my Siamese twis offer?" He saled on assistant

off-harskedly. "Oh yes-" replied the angel "He and Biggers have been there for-" He consulted a card "

twenty years now." "And what is Opinion dring?" The argel consulted the card once more "He's in medical school Wasts to be a surgeon He's

"-sergical removal of Signey twees " the Drity Smished "Hey, that's right. I have a feel-

ing he's going to be pretty good at "I'm sure he'll succeed " "Yesh and about that Chief

we've been going some prenty steady prayers from Bizzers, asking

God nodded sadly. "You know, Chief, before he were down this time, Biggers had almost enough karms in his account to reach Nievana. And after twenty ways with Oxinian I think he's carned it. But the man's about to

have a breakflown. We may have to yank him early, just like last time." God gave His approval

"Bet wat," He said, "unfil Duration has completed his medical

Little more was heard of Ostelan for some fine thereafter, and one day, milleria luter, when he was found in the writing room at Interm. Oxintae rabbed his even and looked around him at the other quietls waring souls "Box, I dide't get enough this time." he said

"Enough what?" the soul year to

him asked politely. "Enough snything," Quinlin re olied "I was a scoot, 'way out on the edge of the galaxy. You ever spend sey rime it a one-mae scort

"I don't think so," said his "God, it's temble. You've got your movie tapes, your mail tapes, your woman tapes, your dream

tapes and pretty soon you start feeling like a time vogreelf. I've out to used some more time with accole this firms assend."

reighbor

"There aren't going to be many people to spend firms with." his neighbor informed him.

"Yeah, I noticed that last time ost," Quinlan said. "We're kind of dying out, aren't we?" "We're Moving On."

"Oh, is that it?" The other rodded. The One is fil-

ing. More souls have musted on through Nirvana than remem be-

"No kidding," said Quinlan. Well, when I get back I'm certamly going to do my part to per-

nesses the species." He hocked closer at his neighbor. "Doe's I know you?" he said. "Oure possibly 1 have

many men and women." Mer. I have You man Wille. Surron, weren't you?" His neighbor smiled faintly

"Yesh but it bought you some

seebed. Vivid ones, at least," said the THE ALL-SOLE IS CALLING OUNLAN.

"Yes," he said quietly. "I remember that term." He laughed carfully. "That one set me back a

That's good.

tract."

again to report to the One hanced. He was More Than God. He was well on His was to bring the All-Soul Outside, still in his

added when he was out of the noom. That's when he got the call God was no more. He was ex-

"Good and depressing," he

"I'm going to be a monk on

someth small many Thur's sile that's good." He needed pointly and walked away, meatering again,

"Oh," said Quinlas noncommit-"Yes. I'm looking forward to it. think this will be my last too." "Oh? Well, good lack. That

fine of money, he added, "What are you going back in this firme?"

"You mean," said Osinha intocerely, "you don't?" To deep that

"Contract? You have a con-

Pretty often, in fact, largly " "How do you manage that?" "I had it written som my con-

"There's one thing I've won-dered about," said Sutten suddenly.

"Yeah. I knew you then I

suppose I have been

mortal form, could not look at Him. The Voice was deaftning when It said, "Quntan!" "I'm right here," said Quintan

"Quitlan," said the Voice, more quiedy "You have not many trips

ieft Man is a dying species."
"Really?" asked Question in an interessed voice. "What's going to

replace him? I've had my eye on a tribe of very advanced ages in the Archeron system—" The Voice was loader "Northing

is going to replace Man. There will soon be no mare use for him. Soon all will be purt of the All-Soul." "No kidding?" asked Quinlan.

hedging away "So soon"

"Torre is at an end, Quinlan,
There will soon be no more need
for the trainer and reasons non-

"Well. I hope You and the sest of the Al-Soul will have a nice fine. And be see and look me up some time. We can-"

The Voice interrupted him. "You will be a part of Us then, Quinlan Wilsons you, We will be maceraplese. And without Us, you will

have no existence."
"Uh hish," said Quinlae. "And
what if I don't ware to poin?"
The Voice betterne calm. grave.

"We will be calling you. Quinlen. Henceforth, you will always hear the Vesce, calling you home."

the Vesee, calling you home."
"Well, that's fine," said Quarlan. "You keep calling, and when I'm ready..."
"Qualan," said the Vesee. as Question turned away. "You were made for Us. You were only born in order to come Home again some-

or "Till bear that in mind " the lit was immediately after this

rips li was immediately after this meeting that Quinter made his darare ug daylight raid on the Karma p to Bank, and went bock as as alm a cobolic, symphomiatias million-

consent. symptomatical mittees increase whose metabolism made it inpressible for her to gain weight. It mak half a bravenly day to track the output and assemble evi-

dence, and by that time Quarlan
was forty-five. It was decided to
he leave Quarlan in heaths carron
stans, but to collapse heaths franced structure and reader herbits
finged Quarlan appeared in Interim
a few heaverly minists keer, having killed hemeliflered by was of

some very cheup layer in combinace fice with expenser to the clereters
"Thoose," and Quinlan weally.
He staggered through the waiting toose," a relication, exaggeration, in since to longer had a physical

system with which to circulate alfill cohol.

Sentence had seconly been and passed, and Question was taken away. "Did you have crossiply of exercitions this time?" solved the

Vecce, before he was out of sight
"Willie?" asked Quirlan, squire
ing in the direction of the One
"Willie is a part of Us now," re-

"Willie is a part of Us now," responded the Voice gravely "So lone, Willie," Outslan

"So long, Willie," Que called, and he was led away.

...

Quinlan appeared once more before the One, there was no trace of the physical in his composition. Quinlan was, like the One, a creature of

lan was, like the One, a creature of part spirit.
"Whow," said Quintie. "I didn't know You sill had a Hell. D'You know I was the only one there?"

there?"
"Yes," said the Voice.
"Yes," said the Voice.
"Well, what now?" asked Quit
im. "I'm ready to get back. Th
time I'll take any model you've g

time I'll take any model you've for me. I want you to see the repetatal and all. What have got, a hunchback? Leper? So weee?" His veice stalled off looked up expectantly:

"All extinct," said the see a see that you come blane.

"All have come Home. All of Man." Quielse felt a chill: "Everybody? Welle? Sally?" He began calling.

Where are they?"
"All are bere, Quielan All are dissolved in the Ose." The Voice grew more ponderous. "We see the All-Soul now, Quielan You have no Home except hom. It is time for

the journg." You've the All-Strail, them," said Quislan, his pante gone. "Or he All-Buckboo-Soul Bar you don't noted rise. "Fire going back I told You about that species of ape Seed rise back as one of them. In a few thousand millerna..."



Galileo

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Sehs. 4 houses \$4; 10 losses \$4 Limited Editions, Order New! Send charles to: GALILEO

Send checks to: GALILEO 329 Newbury St., Boston, MA 02115 "It is not possible," said the Voice, Our Voice, calmly "Sure it is," said Quinlan "You can do anything. Make me a mutation. An are with a mind, I'll stay

"You are not one of them, Quinian. You are one of Us." We

reached for him
"No!" screamed Quinlan We
drew back in pain "You can't take

me if I'm not ready to go," he shouted. "I'm not one of You! "Listen to me," he went on, growing calmer. "You've all forgetten. Forgotten what it is to be

what I am A man. I am the provides thing in the property of the same provides thing in the universe. The corely thing that wolds in the galaxy and names himself it doesn't man or if I have two arms and logs or knincles growing out of my feethead. At long as I fire, and because, and think and except and provide what I belief. I'm a man, their provides what I belief. I'm some their limits. I'm some their limits.

I won't give that up" He was shousing again.
"We are eating you to Us," We said, with some hast
"I won't come," said Quinlan.

colinty "Now or later You'll got be have to do without this one. This ch soul is mine. And I won't give it up.
"You know what this reminds on

"You know what this rettinds no of?" he roked suidonly, senting at the memory. "This estimate me of when I was taking drugs of one lind or another. When I was same and sober, I knew what the world was and when I was in for I had nil the answers. And then the drug would take over, and show me a new scaliny. And suddenly I really knew the answers. Logic I had never seen before. And as long as

that feeling lasted, I knew that I was the only man in the utiverse that knew what it was all about. "Then I'd come down, and my

"Then I'd come down, and my fever windom became gibberth Until the next time. And I rever

could figure out which point of view was the right one. "That's how we are, You and me. You know You're right, and I

know I am And I'll never give up my point of view."

He stopped, and then suddenly sheeted again. "Listen to me, you bureascracy of souls. Remember with me Remember how it is to be lonely, or to be with someone the

without enguifing each other Or to be by yourself and not mind it, to etfish the solitude. "I can't come with you," he sobbed. "Send me back because I

can't stay here. Take me," he addad, almost definet again, and it'll be just like you awallowed a chicken home. For curriny We'll just be cheking on each other forever. "Try to remember," he tusted off. "Some of you.—Some of you.

ould remember if you try.

We conformed hastily, and then
the Voter spoke to Quenton again.

We will grart you your request.
Quinlian We will give you one
more term. One more lifeting, as

more term to learn true loneliness. and to come Home to Us " "One more is all I ask For

now," said Quetlan, smiling, and be was disputched. He was made a mutation, a hair-

shardoned. Just as he deserved. So-

less ape with a mind. (And some-how, Quinlan had contrived to be bom as firsh spc) Neither his pa-rests nor the nest of his tribe understood Quinlan, and he was soon

AAAIIIIIIEEEEEEEEEeeeeeee OFFINE AND MAKE DISPUTED THE ALL-SOUL OUDLIAN HAS WEENCHED US APART DEINLAN' I WANT TO KILL

OCCUPATIONS THAT IS he All-Soul, of which I-of which this is a segment. We are One. We are indissolable. I don't-- I--

fend of record)

There was another tribe of apes. When Quinles was ten, a strange

haiden siri was born to them. the first. But Quinles and the girl her in a leaking, orignized speket left over from man's last empire

Their first child was slow in comno, but after that them were many meding was bed poperies, but was the only change they had for

Donzer was constant on man's e third acceptation. He carry back. immediately, as his own ddaughter he was very prolific





DIDECTIONS

Jem Pounelic's article in the June max of Galaxy was purpositely his ormen of the lack of solar restrinon cupronily up. Thus then lack could be due to the can have a "more cut" fin-

don't home one actions by blac tree with other information. I seem to per'er in mouble " When did the blace remember reading in the local paper of a costs of astronomers reported banking rate of the sun object would be hard to detect sence the returninal rare varies by luttacks). If the use work collamore, consecution of aggler memorials

In Int most's Scientific American. lurges Early described (with highly conveying syldence) the 400 year accompanying that of annual average temperature. This should indicate twelft scene assumptions) the amount of in annual temperature fit the sunspir code very aicely (Climatic charge can be enclared by these partition in respectance. And as an experience of there are 400 year coults, why not 4 rillos year racio, and man the retirer whole species?) Then if the semipor ectivity in

evidence of the solar energy ondocon umma), the absence of these would be cyndence of the lack of a moduction of mergy (and a lack of sutrices and a orangi cooling and shroking sed specifing up of the notation of the vari I work near an office which merition other day and casually mked "How's be seen? The solve forecaster on fate stiffed a worn and abound for the single, small, high-lattende spot on the he a nexted of maximum activity in the 11 year cycle? Jomes Eads remarked privately several meetly, ago, "If we

With the emergraphic colleges of the es the center becomes been and rase corrects. With the necessary heat producing mechanism operating only when the pressure was sufficient correction surrests, samples, would

the coreer could leaven to the easiers. where the exchange parent by named the section could be supported Thermal monutain could care the expansion well beyond this post. Then the san would cool slobtly and the carrie would now. The sun (and thus others (the st)

would be a variable year. At randomine for the san's variability for variable state with a more rapid

Wherever I set a hale self-astaffed about our understanding of the personne screens shady come since to burable ray. But I am in a nature horizon field Mesocyclogers don't know crossh about the physics of the Earth a the persons who se maced seems. undentunding comes only after years of

2747 Beale Civile

Dear Jun

of thing we've already had too much of Dies the Lawery Establishment ignore Voy well then we will ignere the ministroup & say that it's all Alexander Postery and The'll fix them! Who Buildishment angway? As I sign it's been done believe

docum's really bely. The man who success over the Euclideanness oth birs & the man who reports correlant for Establishment ofth him are both slaves. And Scheeffler's argument in

resided to elect everyone the wern to have syncod, the scalerac spartials, and even Cliffs Notes so that the excell who have to study the books. Furen three about that Has process

witten who are period by Academy are Henden, Heten & Le Gen? Make sense I suppose Having to wade through all of of without a coale is a pompous pedant.

I'm glad that some good of wrong does seem to lead to a paredox. Writers Roy Kenbert the Sevenery & Mathers, who are

> too "looney." feel to get the excession. a three own field that would could stadence and to note other Gers & Alter were up to their usual

Philip Schreffler's article is the sun government (perhaps computer seted) minutes one important point. As consider a doct or increasingly worse sob of going people what they ware

the will sell there wher to do A what to click, but the sources in solice ware sacket crees, and the manual in The recrease in the age complexity & & the Children of God, which give nesser the ment & matrial security they come offer he heigh more against the the programment dates to

250 Colum Ave.

Dear Mr. Bacsic

Applicate, cheep, and much granted: for Photos A. Schreffler (May 1977) "Ray Gen Eveporates Majoratorate" and he award on the Maintenam serverer shout their field has fine would dare to claim that of in the cells

Having been inspersed with university, both as a student raine fulfe creative writing councy where cachen wished they were good enough to make mores at setting and so open half their time orthon you that written should set he for money and in an office at a university many, where those corneg in from Ph.D., whose writing raices should have been confined to budgeon walls where it studd be more than arrole exposure to the properties of the learning And have in a servi aritim by seabods good. Good arrest write for the markets-Dickers citif harger chapter endings, Sh.An-opere to please the subtermeeting recently at Milyo to an house

pores from Cromoul's super-enlipson. power men Cremwan's super-responfifty years after a personally popular writer in dead, all the sentences or undying him Then, bullyand by the marer's freses (thirties with feces) ust where ore baried under waste reaser until at loss, they never until prost writers, and are this make, for the maintenant

college soulests, resourably intelligent.

are tracked and brainwarded imp believing that, it order to be a "good" writer, they must write "ble" one of written. On like John Updike, one or the other. And should they dare to write vomit on their paper as it is retained. they cam the years—if not wratt—of the restrict whose weightlifes have

The reservingent is said one sense. like on other. I like to sail it the "Steney gener" and I happen not to the the entirences of its reactioners. with some free-and debatefulenception. There are other serves I don't blu-western, for energie, and There are genres I love-paveriles, science fiction, reporter, fictions name. But my preferences do not label rer nancico cwittes each gerre I am consulty expuble of reaking reavosable referents show and but and undifferent) not do I compar to barre drawwed out of the ireallypental tray 12 undifes me for membership in all cliques). I got don't hippen to fike the "mesecution" come very mach, that's

And their why I'm gled to learn through Scheeffler's levels more of woman that I am my alread I were wweer figure tend reversity, and united because I leave to read these them. And may all the frederi BEMs of of featurests defecate on my error if I I may work manyered sortido - may even self it (see all can dream)-but Sally, have namedy, of some

that's a sine subrusty.

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Sinconsty.

Comm. Scar. C.-1

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Dear Mr. Bace.

I do not necessarily try to cornect a person when I feel he or she is wrong

persas when I feel he or she is wrong about coreching. But you are a magazine editor, and as such you influence thousands—perhaps rations—of people And I have to see corecone as your position of private and the property of the private and private

writing to you in a your contents. Epistic to the Christian Golden, Dec Tob, you considered General 28, "The fraurish and makingly," as to God's "Moreting Ordens" for the harmon nate And you said that "suppose who both between in the Cold Tentament and corress the studies of the framework.

And you said that "argume who both behavior in the Cold Transment and accepts the salidary of the foregoing argument your interpretabilit of Genesis 1/28) must consider largued as disnutly instructed to do all in his power to further the progress of humanismi sim-

Space

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you "fally control" of Which coder do you do "all myour power" to obey, over and above any other coder. You pack the order that seems to be the "prine directive," the order that our "Contrander" fash is the main and med important code, the princip A pensee asked God (Chros), ""which contraudment : in the presest?" And Chros septiad, " "You shall lose the

with your whole used and with all year mend. This is the greatest and first commandment. The second is fire it. "You shall love your neighbor as yourself. On these two commandments that whole law is based, and the

prophers as well." (Marshaw 22:36-40).
"There is no other contransdress greate than these." (Mark 12:35). So, for anyone who believes in the Biblio if there is any "order" that he or she mad "the all in his or her power."

ment and diffy any persons, process or philosophy, that acts to the Octoreers of that gast — any goal that he (the) ment be "fully corrected by" — that order, that goal more by the one shad in: Manhow 22:35-40 and Mork 12:26-31, and Georgia 128.

Rosald E. Jeckowski

In whee possible were care living in the speer of Matthew 22 H-40 and Mark

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